

U of A mourns loss of Arthur Kroeger, 'dean of deputy ministers'

Sandra Halme

Arthur Kroeger, '55 BA and '04 LLD, is being remembered by Prime Minister Stephen Harper and other high ranking officials as someone who set the standard for public servants during his 34 years working for the federal government. Kroeger died Friday, May 9, in Ottawa.

A native Albertan, Kroeger's high-school teachers recognized his potential and pushed him into thinking about attending university. Despite arriving at the University of Alberta with a self-admitted "undistinguished record," he graduated with an arts degree in English literature.

He then applied for a Rhodes Scholarship and was successful in his application. It was during his Oxford years that he found politics, philosophy and economics.

Kroeger had a thirst for knowledge that began at the university. During his second year, he was encouraged to enter the honours program in arts. "Here I was, a semi-literate 19-year-old from a rather remote and rural part of the province, and they wanted me to go into honours," he told the graduating class of June 2004 during his convocation address. "It wasn't until I was into my second year that it began to dawn on me that I might be good at something."

And he was good at many things; Kroeger's wise advice and counsel was sought after by prime ministers, even in his retirement. He also chronicled his family's generational history in his book, *Hard Passage: A Mennonite Family's Long Journey from Russia to Canada* and a yet untitled book on the Crowsnest Pass freight rate debate.

"I personally benefitted enormously from Arthur," said President Indira Samarasekera. "From the time I became president, he befriended me and his affection for the U of A remained strong. He was a supporter of our Faculty of Arts and will be remembered by this university as a truly special person." ■



The Rutherford Library was transformed into a spectacular dining hall for the Charter Day Dinner in honour of Alberta's premiers held May 9.

Charter Day Dinner honours Alberta's leadership

Michael Brown

So important was an institution of higher education to the identity of the young province of Alberta that just eight months after its creation, Alberta's lieutenant-governor signed the University Act, officially establishing the University of Alberta.

To mark the occasion, the Rutherford Library played host to the Charter Day Dinner in honour of Alberta's premiers on May 9, the

day the U of A came into existence, 102 years ago.

"I am keenly aware that my presidency stands on the foundations built by the 11 presidents who have come before me; all of whom worked so effectively with past chancellors, board chairs, faculty members, and government to create one of Canada's leading post-secondary institutions," said U of A President Indira Samarasekera.

Samarasekera's remarks ran down the accomplishments of all

11 of her predecessors, including Harry Gunning, who in the 1950s strategically built one of the world's finest chemistry departments, and recent past presidents Paul Davenport and Rod Fraser, who ushered in the competitive era of big research spending.

"Both Paul's and Rod's leadership is coming to fruition in the major discoveries being made at the U of A today," she said.

And while each president left a positive mark, Samarasekera said

none of it would have been possible without Henry Marshall Tory, the U of A's first president, and Alexander Cameron Rutherford, Alberta's first premier.

"They not only laid the foundations of this university, but also set a high standard for the university-provincial relationship that underscores 100 years of development," she said.

Samarasekera turned her thanks

continued on page 2

U of A students visiting China safe

Karen Baird

Thirty-one students from the University of Alberta School of Business MBA program, in China during Monday's earthquake, are doing fine.

The group was at Royal Bank of Canada's Beijing office for a presentation on Monday afternoon local time when they felt the tremors.

"Just to let you know that we are all very safe and well after the earthquake in China. We evacuated but there were no problems whatsoever.

The main quake was about 1,000 miles (1,600 km) away from Beijing. Everybody is very well," said Barry Scholnick, program co-ordinator of the international business specialization of the MBA program.

The death toll from China's deadliest earthquake in decades has climbed to nearly 15,000, bringing the total of dead, missing or buried to 40,000, with much of the focus now on recovery and relief.

The student group is made up of first- and second-year MBA students on the 10-day trip that is part

of the international study portion of a business economics course. They left May 8 and returned to Canada May 19.

"After we went down to the ground level and stayed for one hour, we went back to the office again and finished the presentation," said Mike Chen Linlong, general manager and director of RBC's China operations, in an email to U of A business professor Rolf Mirus. He said the event will "not be forgettable" for the Canadians.

The University of Alberta

School of Business has been active in China since 1983, beginning with a development project that has since spanned more than 25 years with Xi'an Jiaotong University, of which Mirus was the long-time director. Chengdu University, located in the closest major city to the earthquake, is a partner university. The School of Business opened an office in Shenzhen in 2006, and students have annual opportunities to visit China on student exchanges, internships, and study tours. ■



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Clean water going to pot ... a revolutionary clay pot

Illeiren Poon

When Abdullah Saleh
handed samples of
his revolutionary new
water filter to people in Kenya, he
was often met with confusion.

"They'd look at me like, 'It's a
pot. Why are you giving me a pot?'"
chuckled the University of Alberta
med student.

But the deceptively simple clay
pot could make a huge difference to
the health of people who don't have
access to clean drinking water.

What began as a simple pot has
evolved into the Kenya Ceramic
Project and this summer, Saleh and
an Edmonton contingent plan on
travelling back to Kenya to build
upon the current small filter factory.

In fact, last summer Saleh and
two other U of A students were so
confident in their filters that they
were halfway to Kenya before the re-
sults of the lab tests were completed.

The news was very, very, good.
"We were in Dubai when we
got the results," he said. In tests
conducted in provincial labs, the
filters cleaned 100 per cent of E.coli
and fecal bacteria from river water.
"It was a very happy occasion; [the
results] were unprecedented."

Saleh became interested in the
topic of clean water while research-
ing HIV transmission rates from
breast milk in Ecuador, which lead
to the question of why women were
breastfeeding if they have HIV.
It boiled down to the fact that
the possible risk of HIV was less
threatening than the immediate risk
of dysentery.

"Even if these mothers could
buy formula, they'd have to mix it
with water. Children die faster from

diarrheal diseases than they will
from HIV, so women would take
the chance of giving their child HIV
over giving them definite diarrhea,"
he said.

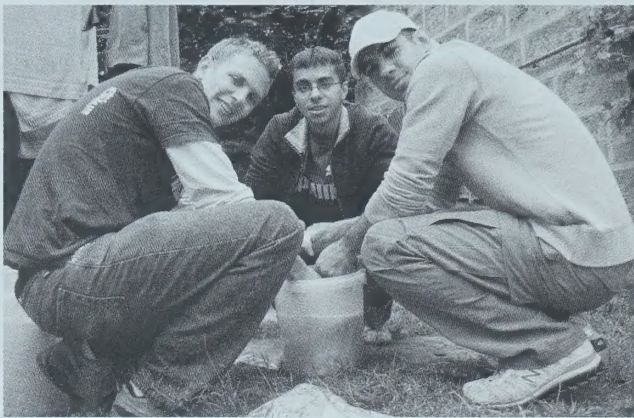
So, he started looking at water
filtration methods. When he
came to the U of A to begin work
in his medical degree, he joined
forces with three other students
and recruited a local potter, Lorris
Williams, to examine the pos-
sibilities. Mike Belosevic, U of A
biology professor and winner of the
University of Alberta Cup, the U
of A's highest honour for teaching
excellence, gave them access to a lab
for their research.

"He was very sceptical of what
we were trying," said Saleh. "Even so,
he understands this kind of research
too well and he's always pushing us
to think about the next step, the
next level, and to answer the next
question, like 'where are the bacteria
going?' and 'how does the efficacy
change with regular use?'"

But the group was determined to
prove their teacher wrong. There are
a lot of high-tech water filters avail-
able, but unless there's an unlimited
supply, their use in developing na-
tions is unsustainable, said Saleh.

"The ceramic filter is pottery,
and East Africa is all about pottery.
In a lot of developing countries,
if anything, pottery is the big-
gest developed infrastructure," he
said. "This is something that we're
trying to get the community to
take ownership of. What better
technology to introduce than just a
simple modification of the existing
infrastructure to create a lifesaving
measure?"

The wet clay is blended with a
specific ratio of organic material—or



U of A med students (l-r) Abdullah Saleh, Abraam Isaac and Tyler van Mulligen doing laundry in Kenya.

temper—that burns off in the firing
process, making the material water-
permeable. "So, essentially you get a
porous pot that lets water through,
but not bacteria," said Saleh.

Once in Kenya, the team faced
a multitude of challenges, from
locating the right kind of clay and
organic materials necessary, to
building a kiln from scratch. "And
we're three med students," said
Saleh. "We don't know anything
about building kilns."

But, after seven weeks, the
students managed to arrange for
a local sugar factory to provide
all the necessary organic temper
materials. "It's a waste product
from their production, completely
renewable and completely free. We
found sources of clay from a vil-
lage of potters and now we have a
preliminary workshop set up," said
Saleh, adding that UNICEF has
bought into the project.

Their teacher is still pushing the
U of A students to examine every
angle of their project.

"There needs to be an educa-
tional component that goes along
with the distribution of the filters
themselves. People who use them
need to know that the contaminants
become concentrated in the filter
over time. They need to know how
to properly dispose of materials
that could become a biohazard,"
said Bilosovec. "But I am quite
impressed by the results. It worked
better than I expected."

He's also impressed with the
students, he added. "They are amaz-
ing ambassadors for the U of A.
Everywhere they go, with everyone
they talk to, they tell people they're
from the University of Alberta.
They are remarkable group, and this
is an exemplary initiative."

In order to do that, the group
hosted a fundraising walk and run
on May 11 at Foote Field and has
raised \$5,000. The team is also
accepting donations through a
charitable account set up through
the U of A's Faculty of Medicine &
Dentistry. ■

Charter Day Dinner honours Alberta's leadership *continued from page 1*

towards the accomplishments of the
night's honoured guests, Premier Ed
Stelmach, as well as former premiers
Peter Lougheed, Don Getty and
Ralph Klein.

Their decisions, she said, gave Al-
berta with a strong science and tech-
nology research culture. Evidence is
shown in the form of such agencies
as the Alberta Heritage Foundation
for Medical Research, the Alberta
Research Council, the Alberta Oil
Sands Technology and Research

Authority, the Premier's Council on
Science and Technology, Alberta
Ingenuity and the Access to the
Future Fund, as well as recent infu-
sions of strong capital support.

"Clearly, the histories of the Uni-
versity of Alberta and the Alberta
government are intricately linked.
The government and the university
have grown up together—given
shape to each other—and together
have built a vibrant, cosmopolitan
province," said Samarasekera. ■



Premier Ed Stelmach receives a gift from U of A President Indira Samarasekera during the Charter Day Dinner.

Are You a Winner?

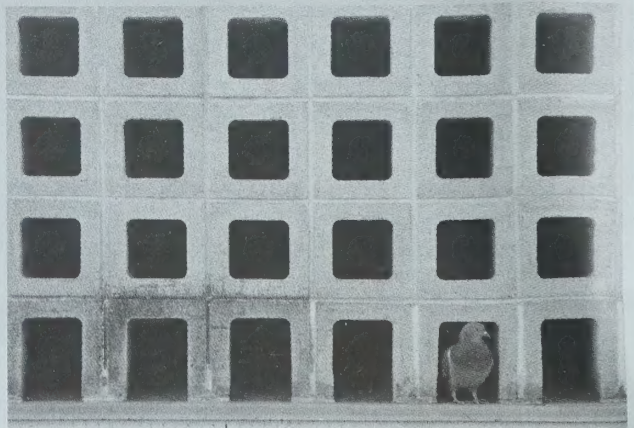
The University of Albert Press re-
cently struck it rich with a big showing
at the 2008 Alberta Book Publishing
Awards (story page 9).

Not one to rest on its laurels, the
award-winning press is back at it with
two new releases. *The Importance of
Being Monogamous* by Sarah Carter,
professor in the Department of History
and Classics, has just arrived in and is
available immediately. And *One Step Over
the Line*, edited by Elizabeth Jameson
and Sheila McManus, is the first collec-
tion of comparative and transnational
work on women in western Canada and

the United States. It explores, expands, and
advances the aspects of women's history
that cross national borders.

You could win a copy of these books
by correctly identifying where on cam-
pus the following picture was taken. E-
mail your answers to folio@exr.ualberta.
ca by Wednesday, May 28, and you'll be
entered into a draw.

Congratulations this week to Al Ka-
lantar and Lisa Nikolai, who have each
won a pair of tickets to Studio Theatre's
final production of the year, *The Elephant
Man*, which takes its final curtain call on
Saturday night.



Middle class use marijuana to enhance activities: study

Bev Betkowski

A variety of middle-class people are making a conscious but careful choice to use marijuana to enhance their leisure activities, a University of Alberta study shows.

A qualitative study of 41 Canadians surveyed in 2005-06 by U of A researchers showed that there is no such thing as a "typical" marijuana user, but that people of all ages are selectively lighting up as a way to enhance activities ranging from watching television and playing sports to having sex, painting or writing.

"For some of the participants, marijuana enhanced their ability to relax by taking their minds off daily stresses and pressures. Others found it helpful in focusing on the activity at hand," said Geraint Osborne, a professor of sociology at the U of A's Augustana Campus in Camrose, and one of the study's authors.

The study was published recently in the journal *Substance Use and Misuse*.

The focus was on adult users including 25 men and 16 women from Alberta, Quebec, Ontario and Newfoundland—who were employed, ranging in age from 21 to 61, and whose use of the drug ranged from daily to once or twice a year. They were predominantly middle class and worked in the retail and service industries, in communications, as white-collar employees, or as health-care and social workers. As well, 68 per cent of the users held post-secondary degrees, while another 11 survey participants had earned their high-school diplomas.

The study also found that the participants considered themselves responsible users of the drug, defined by using it moderately in an appropriate social setting and not allowing it to cause harm to others.

The findings should open the way for further scientific exploration into widespread use of marijuana, and government policies should move towards decriminalization and eventual legalization of the drug, the study recommends.

"The Canadian government has never provided a valid reason for the criminalization of marijuana," said Osborne. "This study indicates that people who use marijuana are no more a criminal threat to society than are alcohol and cigarette users.

Legalization and government regulation of the drug would free up resources that could be devoted to tackling other crime, and could undermine organized crime networks that depend on marijuana, while generating taxes to fund drug education programs, which are more effective in reducing substance abuse." ■

Music professor wins conducting award in Ireland

Jennifer Akers

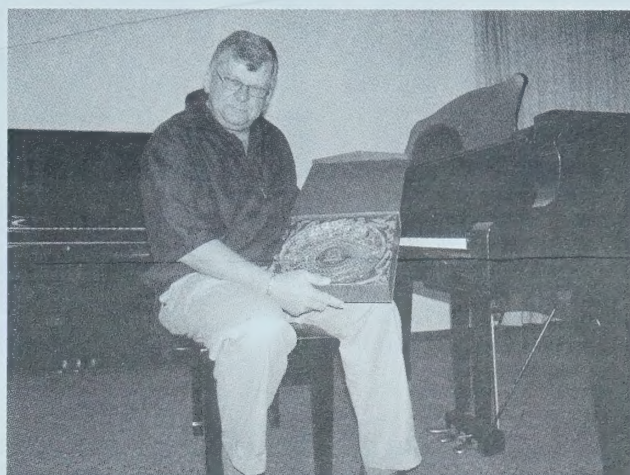
When Leonard Ratzlaff took the University of Alberta Madrigal Singers to the Cork International Choral Festival in Cork, Ireland, earlier this month, the last thing he expected was to be singled out for an individual conducting award.

Ratzlaff, chair of the music department and conductor of the U of A's Madrigal Singers, won the International Jury Award at the festival for presenting an imaginative and artistic program. The award was part of the Fleischmann International Trophy Competition that took place at the festival from April 30 to May 4.

One of Europe's leading choral festivals, the Cork International Choral Festival boasts nearly 5,000 participants from 22 countries and is designed primarily to recognize choirs as a whole.

According to competition guidelines, each choir had to sing three pieces that met specific requirements, including a Renaissance or Baroque piece, an original piece from the choir's home country, and a piece by a living European composer. In addition to the required pieces, Ratzlaff wanted to distinguish his program from the rest. "I chose a fourth piece, which I felt was important to demonstrate the choir's ability to sing Romantic-period music," he said.

His choice paid off as the jury—made up of six adjudicators from all across Europe, each with their own solid reputations as choral conductors—deemed Ratzlaff's selections and performance as the most imagi-



Leonard Ratzlaff won the International Jury Award at the Cork International Choral Festival in Cork, Ireland

native and artistic presentation of the competition. Already an award-winning conductor and a member of the Order of Canada, Ratzlaff said the award and the experience "was very gratifying, [given that] it's a really well run competition. It's one of the best in Europe."

The Madrigal Singers themselves also made an impressive showing, tying for fifth place in the overall competition of 15 choirs. The nature of the judging made the competition extremely competitive, since each of the top five choirs scored within one percentage point of the winner. "This was such a close competition for the top seven or eight choirs that another jury would've probably gone in a different direction," said Ratzlaff.

The University of Alberta Madrigal Singers is a 40-member choir

made up of students, both graduate and undergraduate, from all over the university. Although membership consists mainly of music students, auditions are held every September and students from any faculty are able to try out. Currently, in addition to music students, the choir includes two master's students in philosophy and one from the Faculty of Agricultural, Life & Environmental Sciences.

Locally, under Ratzlaff's direction, the Madrigal Singers are a fixture in Edmonton's cultural landscape. They have appeared with the Edmonton Symphony Orchestra and the Alberta Baroque Ensemble and have performed in CBC Radio competitions. Last year, the choir performed Handel's *Messiah* with the ESO, and this year the singers are planning a Christmas concert

with the Alberta Baroque Ensemble.

For the choir, international competitions are just one more way of sharing their music with a larger audience. In addition to the Cork International Choral Festival, the choir has made past appearances at other international competitions, including the Robert Schumann International Choral Competition in Zwickau, Germany. "It's nice to go to a different place and let people know what we're all about," said Ratzlaff.

During their trip to Ireland, the Madrigal Singers also made a number of stops, performing for local audiences in Dublin, Loughrea and Killarney. Ratzlaff said the reception they received in Ireland was outstanding and that the choir really enjoyed performing non-competitively. "The pressure's off and you just perform for audiences. Irish audiences are wonderful; they really love to hear good music."

For Ratzlaff, the trip and the award hold further significance, since they also mark the end of an important chapter in his career. At the end of June, Ratzlaff will finish his five-year term as chair of the Department of Music and will take a year-long sabbatical, handing conducting duties of the Madrigal Singers over to one of his doctoral students. After five years as chair and eight years as assistant chair of the department, Ratzlaff says he is excited to be finishing up his administrative duties. "I'm looking forward to having the opportunity just to focus on teaching again." ■

Imagining the possibilities

Michael Brown

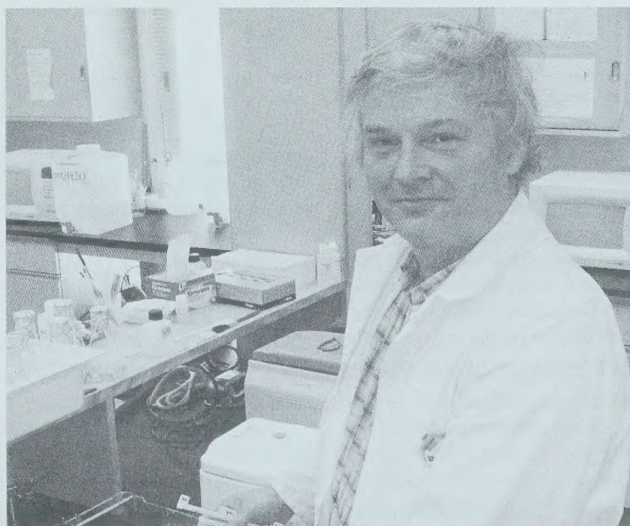
The words "not possible" are not often ones heard within university walls. On the rare occasion that they are uttered, however, a variable is usually added, making the impossible possible.

Gary Ritzel, a lab technician with the Molecular Biology Services Unit in the Department of Biological Sciences, is just such a variable, and for that has been named the Nat Rutter Outstanding Technician of the Year award.

"Gary is, without doubt, one of the most valuable human resources in the department," said Andrew Waskiewicz, professor in the department of biological sciences and Canada Research Chair in Developmental Genetics. "His background, work and skills allow us to offer both undergraduate research training and technical infrastructure that are the envy of other departments on campus."

As one of Ritzel's main duties, he co-ordinates Waskiewicz's Genetics 420 laboratory class in the fall and winter. There the students screen the zebrafish genome in hopes of finding developmentally expressed genes that have not yet been characterized in any publication or web resource.

"Gary created the library for the course, perfected the protocols and assists the students with day-to-day



Gary Ritzel is the recipient of the 2008 Nat Rutter Outstanding Technician of the Year award.

troubleshooting," said Waskiewicz. "If Gary were not the co-ordinator for this course, faculty members' time commitment would be doubled and the course would very likely fail."

"Genetics 420 would not be possible without him."

Ritzel started as a technician at the University of Alberta 23 years ago while still in grad school.

Over the years, he has honed his research skills and resource base to such a point that Waskiewicz says an impassable void would come to be if Ritzel ever decided to leave.

"He is one of those people that

have acquired a huge amount of knowledge through the years and loves sharing it with people," said Waskiewicz.

"Problem solving is certainly a talent, but Gary does more," said Sally Leys, Canada Research Chair in Evolutionary and Developmental Biology. "He has spontaneously offered us unused surplus equipment, is constantly available for troubleshooting, appears at our lab for one-on-one consultations whenever we need it, and never, ever, suggests any problem is too small or silly."

He also takes to the chalk board and instructs a short course for

graduate students who have little experience with molecular techniques, but require it for their thesis research.

"The students in this class universally praise his efforts in teaching and turn to him for advice throughout their thesis research," said Waskiewicz. "He's kind of all over the place, helping students get their projects together. People will come up to him and say 'I'm having this problem, what can you do,' and he'll find a way [to help]."

For his part, Ritzel says he is humbled by the honour, but says assisting students and researchers as they find their way for all these years is the true award.

"I work with a lot of grad students and post docs who are very motivated, so it's very rewarding to help them out," said Ritzel. "But it is nice to be recognized."

Through the Nat Rutter Award the University of Alberta's chapter of Sigma Xi honours technicians who have made exceptional contributions to the University of Alberta.

Founded in 1886, Sigma Xi, the Scientific Research Society, is a non-profit membership society of more than 80,000 scientists and engineers who were elected to the society because of their research achievements or potential. The U of A Sigma Xi organization started as a club in 1993 and gained full chapter status in 1995. ■

Province tops up support for nanotechnology students and industry

Richard Cairney

New funding announced by the Government of Alberta will increase access for undergraduate students to nanotechnology-related studies and support research collaborations between industry and academics.

Minister of Advanced Education and Technology Doug Horner announced May 13 that \$30 million in funding is being invested in supporting nanotechnology programming for Bachelor of Science in engineering students at the University of Alberta and Bachelor of Science students at the University of Calgary, as part of the province's \$130-million strategy to make Alberta a centre of nanotechnology research and product commercialization. The funding will create room for about 600 more undergraduate students.

That spells good things for University of Alberta students like Ryan Tucker, who is now entering his fourth year of engineering. Tucker is taking the Faculty of Engineering's engineering physics program with a nanotechnology option that puts nanotech-related courses at the core of his curriculum.

Tucker sees the creation of more undergrad student spaces, support

for graduate students and economic support for commercial research as an effective way of growing Alberta's \$300 million nanotechnology sector.

"More students in more disciplines today means there will be more people working in this field later," said Tucker, who is spending his second summer working in a nanotechnology research lab.

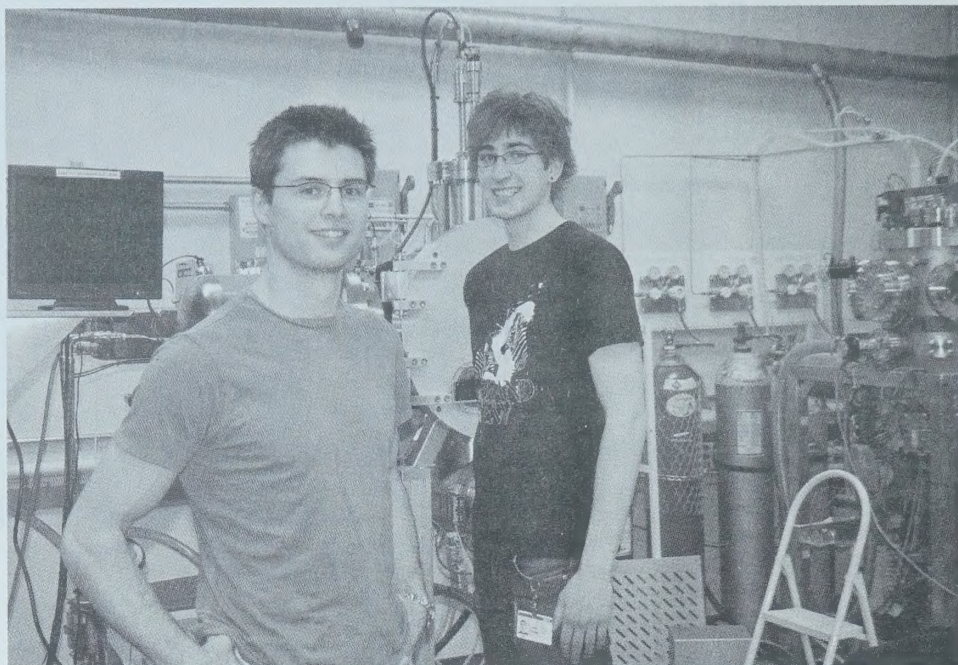
Last summer, Tucker worked on a project to make organic solar cells more efficient; this year he's involved in research with organic light-emitting diode, or LED, lights.

Louis Bezuidenhout, a graduate student working towards his PhD in electrical engineering, says steps that help the private sector take advantage of the world-class researchers and facilities on campus is good for the entire province.

"Industry doesn't necessarily have the tools to do this kind of work, so it makes perfect sense to me," he said.

With support that encourages research collaborations, students and industry will likely form relationships that outlast a single research project, he says.

"If I could plan out my life right now I'd complete my PhD and work in industry for about 10 years, then maybe take a joint professorship or



Increased funding for nanotechnology-related studies means better access for engineering graduate student Louis Bezuidenhout (left) and undergraduate student Ryan Tucker.

come back to teach full time."

In addition to the announced \$30 million in funding, the universities will receive one-time grant funding to enhance facilities and develop curriculum for nanotechnology programming. This can include new laboratories and equipment and new staff with nanotechnology expertise. The U of A will

receive \$5.7 million in one-time funding; the U of C receives \$1.3 million.

In a second announcement, Alberta companies have been given greater opportunities to get into the emerging field of nanotechnology through the \$15 million, five-year *nanoWorks* program. This new Alberta nanotechnol-

ogy industrial research partnerships program connects academic researchers with industry to develop market-driven nanotechnology products. The program, operated by Alberta Ingenuity, opens the door to innovative projects that build on Alberta's growing strength as Canada's nanotechnology centre. ■

\$1.9 million earmarked for U of A prion research

Michael Brown

Four University of Alberta research projects related to prion diseases have been given a \$1.9 million injection by PrioNet Canada.

The funding, which will support 19 projects across the country carried out by 60 Canadian researchers, will accelerate discoveries surrounding prion diseases such as bovine spongiform encephalopathy (BSE, commonly known as mad cow disease), Creutzfeldt-Jakob disease in humans, and chronic wasting disease in deer and elk.

Normal prion proteins are found on the surface of the cells of both humans and animals. Prion diseases occur when a normal protein is misshapen into an infectious,

disease-causing form, called prions. Prion diseases are untreatable, infectious, and fatal neurodegenerative diseases.

Tomas Nilsson, professor in the Department of Rural Economy, and his team will examine consumer responses related to voluntary or mandatory BSE testing. His research aims at targeting policies for BSE testing while enhancing the risk assessment of future similar disease outbreaks in Canada by using a "farm-to-fork" strategy to trace the human food chain of animal products in conjunction with assessments of the political economy.

"The research aims to quantify the different testing and traceability mechanisms that are in place glob-

ally by looking at various countries that are important to Canada's agriculture and food sectors, to see what kind of policies have they implemented and see if there is anything we can change in our policies," said Nilsson.

Another project, led by Michael James, professor in the Department of Biochemistry, and Nat Kav, professor in the Department of Agricultural, Food & Nutritional Science, uses x-ray crystallography—a process to determine the 3D makeup of a molecule—to develop a better understanding of the structure of the prion protein.

"We are proposing to determine the structures of several antibodies that recognize the prion protein,"

said Kav. "We expect that these studies will provide much needed information on the structural features of the shape-shifting prion protein and may one day lead to the development of novel therapeutic strategies for prion diseases, including BSE."

Luis Schang, professor in the Department of Biochemistry, is hoping to identify how the accumulation of prions eventually leads to neuronal death, and how that identification will potential help provide a target for drugs that inhibit progression of disease.

Finally, David Wishart, professor in the departments of computer science and biological sciences, received PrioNet funding for his work

in developing improved experimental techniques to facilitate the understanding of protein structure at the molecular level.

PrioNet Canada is an innovative pan-Canadian network that capitalizes on fundamental, applied, and social research to develop strategies to mitigate—and ultimately eradicate—the impacts of prion diseases. PrioNet funds multidisciplinary research, provides training opportunities, facilitates the transfer of research results, and promotes knowledge exchange activities. PrioNet is hosted by the University of British Columbia and the Vancouver Coastal Health Research Institute in Vancouver, B.C. ■

surf city

Ileiren Poon

The fast-paced, global nature of today's news and information sharing can make the casual 'Net surfer feel lost in the wash of worldwide crises—as well as those closer to home.

As devastating photos from the tragedies in Myanmar, China and Sudan cross your web browser, it's

tough to know what you can do to help. Instead of feeling overwhelmed, check out the website for the Canadian Red Cross. Prepare yourself for an emergency shopping online for first-aid kits and instruction manuals, read blogs posted by aid workers in Zimbabwe or Thailand, or just click on that 'donate' button to do

your part.

From boating safety and creating connections to Aboriginal communities right here in Canada, to ensuring aid reaches the people who need it on the other side of the planet, www.redcross.ca paints a vivid picture of people who are making a difference. ■

YOUR HELP IS URGENTLY NEEDED

EARTHQUAKE IN CHINA

China: Earthquake

A major earthquake measuring 7.8 on the Richter scale jolted Wenchuan County, Aba Prefecture in southwest China's Sichuan Province on May 12, causing staggering destruction.

Latest official figures indicate that over 34,100 people are feared dead, over 245,100 are injured, buried or missing, and 4.8 million people have been displaced.

Red Cross support to those affected by the earthquake in China has been immediate.

The Red Cross Society of China has been providing non-stop assistance to those in the affected areas, distributing tents, food, water, clothes and medicine around the clock in the earthquake-affected areas.

Members of a medical team from the Hunan Provincial Red Cross Society, treating a patient at a temporary medical centre set up for earthquake survivors in Shifang, Sichuan.

past, present, future

Specialized Support and Disability Services changes more than just accessibility

Michael Brown

When geology students near the end of their time spent at the University of Alberta, the culmination of their four years in the classroom are two extensive field courses.

Twelve days of roughing it in the rugged terrain of the Rocky Mountains, putting your newfound expertise to the test, tightening the bonds with those who share the same passion—the whole experience is more a rite of passage than a class, but one that is very necessary if you want to be registered as a professional geologist.

But what if one student uses a wheelchair and has limited upper-body mobility due to a spinal cord injury? The immediate reaction is most likely one of leniency or exception.

When the earth and atmospheric sciences department confronted just such a challenge in 2005, its first reaction was to pose a question—“how do we make this happen?”

With the backing of both the faculty and the U of A's Specialized Support and Disability Services, Scott Barlund overcame the odds and completed his 12-day, 2,500 km geology initiation.

Success stories like Barlund's are happening with increased frequency, thanks to the campus-wide outlook instilled by the university's Specialized Support and Disability Services.

In the late 1970s, the first students with disabilities started to arrive on campus after the Alberta government began looking for ways to provide them with an education here at home. What was then called Student Affairs was charged with the 20 or so students who needed specialized service. Funding would be sought out as the need arose, and specialized support was not much more involved than a negotiation between student and professor.

“Things needed to change, so then-acting dean of students and foreign students, Ruth Groberman, a dynamic lady, looked around and said ‘We've got to do something about supporting students with disabilities,’” said Marion Vosahlo, Specialized Support and Disability Services' first and only director.

In 1980, Alberta Manpower was approached and responded with funding to help the U of A set up what was then called Disabled Student Services. For the first time, a separate body would determine what the students' needs were, what type of support services they needed and what physical modifications to

the campus would help meet those needs and give all students equal access to their academic programs.

With the idea of Disabled Student Services beginning to take flight, Groberman turned to Vosahlo to take the helm. Although Vosahlo, whose background was with international students, had no real experience dealing with students with disabilities, assisting students who were from every corner of the globe meant she knew a thing or two about specialized needs.

“From a student-service perspective you start to look at commonalities,” she said. “You set up an International Centre because you have a number of students from different parts of the world and they need a specific kind of information, support and advocacy. This was no different.”

“There was no awareness about learning disabilities back then, but instinctively these students knew what they needed to do their best so they sought us out.”

Marion Vosahlo.

The first step was to get the message out to students who may benefit from this new service. The second was to figure out the best way to proceed.

“It all started with the students. They would come to us and say, ‘this is what I'm doing; this is where I'm going; this is what my needs are,’” said Vosahlo. “As students came to us we tried to address what we could figure out together.”

The most obvious starting point was to help students with mobility issues overcome the campus's physical barriers.

“The first thing to come into our consciousness is the question of ‘what can we do to make the campus more physically accessible,’ and certainly the students who had visible disabilities were the primary ones we were aware of,” said Vosahlo.

“We started working quite early with people in facilities and operations. Back then, it was a matter of saying, ‘we need a power door here; we need a ramp here; this student is using this building and there is no access.’”

While the campus was being

transformed, Disability Support Services turned its attention to building a support team. Early on, Vosahlo realized that, for a number of students, volunteer help would be useful by helping out with everything from mobility assistance to reading text on an audio tape for students who were blind.

“Over the first three years we were able to recruit 250 volunteers and we only had 40 students with disabilities,” said Vosahlo. “The Students' Union has always been fantastic in that way, and we've also had a lot of interest from various faculties over the years.”

Gradually, however, the population of students with increasingly more specialized support needs grew and it was decided that the services offered had to be clearly and precisely run, which meant a need for more paid employees, rather than relying solely on volunteers.

“It is good to give the students a little bit of money for their work,” said Vosahlo.

By the mid-'80s there were 120 students using the service, but that number would soon swell as students with less obvious disabilities started asking for help.

“Students were seeking us out who couldn't keep up with their reading and had trouble finishing exams on time and that sort of thing,” said Vosahlo. “These were intelligent people who had gone through a lot in their lives, but were told that they were stupid or that they weren't trying hard enough.”

“But they were able to make it [to the U of A], so clearly they were bright.”

In 1986, Lillian Whyte, now a professor emerita of educational psychology, Karen Kovach, director of Learning Resources Academic Support Centre, and Vosahlo developed the Program for Students with Learning Disabilities, one of the first of its kind anywhere.

“There was no awareness about learning disabilities back then, but instinctively these students knew what they needed to do their best so they sought us out,” said Vosahlo.

Students are assessed by the Specialized Support and Disability Services and given access to the necessary support, including adaptive technologies and course strategies delivered by way of non-credit instruction.

“It really demonstrates the commitment they have to doing their best. It's not just writing exams with extra time; they're saying, ‘I will make every effort to gain perspective and use the strategies to make me as efficient and effective as pos-



Marion Vosahlo, director of Specialized Support and Disability Services, stands on a wheelchair ramp outside of the Office of the Registrar.

sible in learning.”

Ultimately, Vosahlo says it will be the U of A's continued expansion of adaptive technologies that will win the day. For instance, Alternate Format Delivery programs have seen some of the biggest swings in technology, which now employ everything from CART, a real time captioning service, to PacMate, a wireless digital recorder with Bluetooth technology that passes along information in braille with voice output.

“There has always been technology on the horizon,” said Vosahlo. “While a tape recorder was fine in the 80s, it isn't fine now. Where a professor would have once waived a reading requirement, that would not be appropriate now.”

Just like changing technologies, attitudes have also been extremely malleable. When Vosahlo's tenure as director started she thought what would really be an accomplishment was if there were no need for dis-

ability support and services.

“Over time, I've shifted that thinking, mainly because certain areas are so specialized that it is unreasonable for all the units on this campus to have this information and be able to keep it up,” she said. “The whole goal is always to help the student be independent.”

“The important thing is the students aren't getting supports because they need them, they're getting them because it is a reasonable accommodation to give them, to support them in this way or that way, and people have to recognize that.”

Today, Specialized Support and Disability Services has grown from one employee helping a handful of students to a team of 16, plus an army of casual volunteers giving support to better than 650 students.

“All of these things have grown out of certain needs and requirements and our aim has always been to go as far as we can with something.” ■

Where do YOU stand?



The Canadian Arctic Summit

MAY 28-30, 2008 | MYER HOROWITZ THEATRE | UNIVERSITY OF ALBERTA

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www.see.ualberta.ca



UNIVERSITY OF ALBERTA
EDMONTON

Canadian Arctic Summit gathers at gateway to the North

Michael Brown

It wasn't that long ago that the frozen Arctic was as far away in importance from the collective conscious as it is from Edmonton.

Today, the North has never been so close and it's about to come closer as the University of Alberta prepares to host the Canadian Arctic Summit, May 28-30.

This U of A Centenary signature event, hosted by the School of Energy and the Environment, will see experts in northern development, economics, politics, environmental change, and northern culture lead in a discussion of some of mankind's most pressing issues, ranging from the Arctic's environmental impact on the rest of the world to the development of its vast storage of energy riches.

Audience members will also be given the chance to participate in the event, as researchers will be made available to answer questions regarding their research.

"We wanted to tackle a current, pressing social, technological, scientific problems related to energy and the environment," said Joseph Doucet, professor at the U of A School of Business, director of SEE and co-chair of the Canadian Arctic Summit. "Bringing people of diverse areas of interests and expertise together on an issue that has many different dimensions, of which many are fields of expertise here at the U of A, that's one of our objectives."

Home to the Canadian Circumpolar Institute, the U of A has a long-standing commitment to northern research, education, and outreach. The North is an area of extreme interest that stakeholders at the university say will be a signature

piece of the university's efforts over the next decade.

"We're one of the largest universities in terms of breadth of research in the Arctic and have the capacity to deal with some of the pressing issues associated with environmental change and rapid industrial development in the Arctic," said David Hik, professor in the Department of Biological Sciences and co-chair of the Canadian Arctic Summit.

"Every year there are more than 250 faculty and graduate students who conduct research in the North.

"Bringing people of diverse areas of interests and expertise together on an issue that has many different dimensions, of which many are fields of expertise here at the U of A, that's one of our objectives."

Joseph Doucet

"We already have a tremendous critical mass, so whether we are dealing with climate change issues, social development issues, traditional knowledge and health in remote communities, contaminant issues or political issues, these are all issues that U of A faculty members address already and we are trying to add focus to that."

Beyond the environmental and economic issues raised at the summit, panelists will also touch

on the political boundaries that are being redrawn and examining how residents of the North will benefit from this renewed interest and development.

The gala dinner will kick off the Canadian Arctic Summit on the evening of May 28 at the Westin Edmonton, and will feature an appearance by Inuk singer/songwriter Susan Aglukark. Cost to attend the dinner is \$50.

Panel Session topics include: "Political Evolution in the Arctic," moderated by Gurston Dacks, professor in the Department of Political Science; "Cold Climate Technology and Innovation," moderated by Roger Cheng, Civil and Environmental Engineering chair; "Climate Change and the Environment," moderated by Marianne Douglas, director of the Canadian Circumpolar Institute; "Northern Communities and Residents," moderated by Ellen Bielawski, dean of the Faculty of Native Studies; "Economic Development: Opportunity, Responsibility and Regulation," moderated by Joseph Doucet; and "Facing the Arctic Challenges: Overview and Wrap-up," chaired by Patricia Bell, CBC circumpolar affairs reporter.

Special guest speakers at this year's event will include Bill Graham, former minister of foreign affairs, Michael Inman, captain in the U.S. Coast Guard, stationed out of Juneau, Alaska, and Chuck Strahl, minister of Indian Affairs and Northern Development, who will give the keynote address.

Summit and poster sessions will take place at the Myer Horowitz Theatre. Go to www.see.ualberta.ca for additional details and registration information or ■

Two cancer researchers receive more than \$1 million in funding

Michael Brown

Two University of Alberta cancer researchers have received more than \$1 million from the Canadian Cancer Society to put towards their research.

Chris Le, professor and Canada Research chair in the Department of Laboratory Medicine & Pathology, will receive \$442,712 over four years to help understand how arsenic causes cancer and, conversely, helps treat the disease.

"Arsenic, which is known to cause skin, lung and bladder cancer, can be present naturally in low levels in ground water," said Le. "We're looking into the effects on those who are exposed to these low levels over time."

Any gained insight will help with the second component of Le's research, which involves various arsenic compounds that have proven to be quite successful in treating

cancers, in particular acute promyelocytic leukemia.

"Scientists don't know why arsenic helps treat cancer does, so our project will contribute to the body of research being conducted," said Le.

Michael Hendzel, assistant professor in the Department of Oncology, is receiving \$606,900 over five years to determine how an important regulator of genes is altered in its function in human cancers.

"The objective is to determine if the general inhibitor of gene expression, histone H1, is commonly altered during the development of human cancers and to identify how it is targeted," said Hendzel. "We already have evidence that it is commonly altered and likely to contribute to epimutations, so most of the focus is on understanding how it is altered."

Epimutations alter genes by

either preventing or promoting their expression, rather than changing their function by altering the underlying DNA. Epimutations are believed to be responsible for more than half of all of the changes necessary to convert a normal cell into a human cancer, says Hendzel.

"The exciting feature of epimutations—what makes them very attractive to study, understand, and target therapeutically in the treatment of human cancers—is that, unlike mutations in the DNA sequence, these mutations can be restored to their normal state by employing drugs that target the machinery that regulate the function of proteins such as histone H1," said Hendzel. "It is interesting to note that epigenetics, the term used to describe these processes in normal cells, is believed to provide the missing link between diet and cancer." ■

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The 1995-2000 Pandas volleyball teams, winners of a CIS-record six national titles in a row, were inducted into the University of Alberta Sports Wall of Fame en masse during a ceremony held May 8 at the Shaw Conference Center.

Sports Wall of Fame welcomes sporting dynasties

Matt Gutsch and Bob Stauffer

For the first time in its 25-year history, the University of Alberta Sports Wall of Fame ceremony inducted teams into its hallowed ranks on May 8.

A packed Shaw Conference Center saw the 1995-2000 Pandas volleyball teams—that won a CIS-record six titles in a row—and the 1978-80 Golden Bears hockey teams—that won three national titles in a row—spike and shoot their way into immortality by becoming the newest additions to the University of Alberta Sports Wall of Fame.

The powerhouse Pandas were led by Laurie Eisler, head coach, and Lorne Sawula, interim head coach, who would later go on to be head coach of Canada's national women's volleyball program. Eisler was selected CIS Coach of the Year in 1994-95 and Sawula earned CIS Coach of the Year in 1999-2000.

Alberta posted a 98-12 (.891) Canada West record during the stretch, winning four conference titles in the process, and were 212-26 (.890) overall from 1994-95 to 1999-2000.

The Pandas used 39 different players during those championship years and amassed numerous individual honours, including four CIS Player of the Year awards, 10 CIS All-Canadians and 24 Canada West All-Stars.

Two different players were twice selected CIS Player of the Year as Mirosława (Mirka) Pribylova, a three-time All-Canadian, was selected winner of the Mary Lyons Award in 1995-96 and 1996-97 and Jenny Cartmell was chosen in 1998-99 and 1999-2000.

Cartmell was also—as CIS Athlete of the Year in 1999-2000—named the BLG award winner, the only Alberta student athlete to have ever won that prestigious award. She also holds the unique distinction of being one of two U of A athletes to win a national championship in all five years in which she played.

It has been over a quarter of a century since any CIS hockey program has won three straight National Championships, which speaks volumes of the Golden Bears pulling off the improbable from 1978-1980.

In a fitting tribute to the motto of the Golden Bears program, "It's amazing what can be accomplished when nobody cares who gets the credit," Alberta found a way to pull off the three-peat with two different



Under the guidance of Edmonton sporting icon Clare Drake (pictured), the Golden Bears won the 1977-78 and 1978-79 national titles, before Bill Moores stepped in and finished off the three-peat in the 1979-80 season.

head coaches and a 1979-80 team that carried 11 rookies.

Under the guidance of Edmonton sporting icon Clare Drake, who was on hand for the induction ceremony, the Bears avenged a heartbreaking loss to Tom Watt and the Toronto Varsity Blues in the 1976-77 CIS championships by knocking off the Blues 6-5 in the 1977-78 final, capping off a brilliant 42-7 season.

Drake and the Bears made it two-in-a-row in 1978-79 behind CIS Player of the Year and Sports Wall of Fame member Randy Gregg. Alberta beat Concordia and Regina in the University Cup round robin before defeating Dalhousie 5-1 in the final.

The 1979-80 championship defied the odds on many levels. Drake and several Golden Bears players left to join Canada's Olympic program for the 1979-80 season.

Bill Moores, another member of the Sports Wall of Fame, was at the helm of the team that finished first during the Canada West regular season, but was upset in the conference final by Calgary.

Thanks to an upset win by nationals host Regina in the regional play-downs, Alberta got a second chance as wild card and made the most of it.

Alberta beat the Dinos and Concordia in the round robin and handled Regina in the final to make it three straight national titles.

There were seven players from

the 1978-80 squads who were a part of all three Bears Championships: goaltender Ted Poplawski (who was a two-time CIS All-Canadian), Jim Lomas, Chris Helland, Mike Broadfoot, Larry Riffin, Bruce Rolin and Barrie Stafford.

Other inductees to the Wall of Fame included Dan McCaffery (BPE 1971; MA 1976), who was a member of the Golden Bears football team from 1966-1971 and was co-captain for three of those years. The Archbishop O'Leary graduate won a national title with the Bears in 1967 and was a Canada West Football All-Star three times, winning the Wilson Challenge Trophy as the U of A's top male athlete in 1971. Currently he is the founder of McCaffery Interests Inc., and is a highly regarded innovator and developer of urban real estate projects in the United States.

Hugh Hoyles (BPE 1969) served as the Golden Bears volleyball coach from 1973 to 1980, during which the Bears captured a CIS silver (1975) and a bronze (1980). He was named the CIS coach of the year in 1980 and spent the 1981-1982 seasons behind the Pandas' volleyball bench. Prior to running the U of A volleyball teams, Hoyles served as the director of volleyball of the 1976 Olympic Games in Montreal and received a Government of Alberta Achievement Award of Excellence in 1976 and the Sports Canada Queen's Silver Jubilee Medal in 1977. ■



Wall of Fame-inductees—Dan McCaffery (left), member of the Golden Bears football team from 1966-1971, and Hugh Hoyles, Golden Bears volleyball coach from 1973-1980—were also inducted to the Wall of Fame.

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Paralympics support tour makes stop at U of A

Michael Brown

Members of Canada's 2008 Paralympic Team stopped by the University of Alberta on May 14 to build a little momentum prior to representing Canada at the Paralympics Games in Beijing this summer.

Alberta Paralympic athletes Ross Norton, two-time paralympic gold medalist in wheelchair basketball and Canadian Paralympics Committee athlete ambassador, Tara Scade, wheelchair basketball athlete, and Kris Vriend, women's shot put and discus athlete, were all on hand to bring awareness to the Paralympics movement during the Alberta stop on the cross-country tour, designed to salute Alberta athletes. The Paralympics Games are a biannual event that follow each of the summer and winter Olympic Games and are geared towards athletes with a disability.

Although the Canadian wheelchair basketball team has never lost a major championship, the gap between teams is closing, which Norton—who makes his home in Edmonton—says speaks volumes about how seriously the world takes the sport.

"We were doing things that no countries were doing 10 years ago, but then they started to emulate us," said Norton. "Nations train full time for this competition; it means a lot."

Although the Paralympics have been around for nearly 50 years, Bob Steadward, founding father of both the International Paralympics Committee and Steadward Centre, says it wasn't until the Paralympics Games in Seoul in 1988 that the momentum for athletic competition really grabbed hold of the collective consciousness.

"That's when we really had the transition from one type of sporting culture to another," said Steadward. "That's when participants moved from being considered a patient to being considered an athlete. That's when the games changed from being a rehabilitation model to a sports model."

In 1989, Steadward founded the International Paralympics Committee, which he says has grown from a disability organization with 40 nations as members to a sporting organization with 175 countries participating. He also says that Paralympics sport has had a significant impact on how society views

disabled athletes.

"The reason why there are changes that have taken place in society, rules, regulations and laws that govern us, and why we have more educational and employment opportunities for people with a disability, is because of the profile and image high-performance sport—and in particular Paralympics sport—has had on our society," said Steadward.

Steadward also called for the development of more regional facilities for Canadian Paralympics athletes to help chase their sporting dreams. This sentiment was shared by Gary McPherson, president of the Steadward Centre's board of governors, who credited the U of A with being a pioneer in supporting Paralympics athletes.

"It all really started here at the University of Alberta with the first national wheelchair games in 1968," said McPherson. "Today, people with disabilities can lead a more active and healthier life, thanks in part to the role models who have been participants in the Paralympics."

Members of the team brought a super-sized banner to the U of A where they collected goodwill messages for the athletes. The banner will travel with the athletes



Alberta Paralympics shot put and discus athlete Kris Vriend (left), along with wheelchair cagers Ross Norton and Tara Scade, stopped by the U of A on May 14.

to Beijing and will be hung in the Athletes' Village there.

Tara Scade, who graduated from the U of A in 2002 with a degree in adaptive sport, will be representing Canada at her first games on a women's wheelchair basketball team that is looking to avenge their

bronze-medal finish in Athens, Greece, four years ago.

"That's where the fire is going to be lit under all of our athletes," said Scade. "In the past we've never had anything less than a gold medal, so our challenge is to come back to the podium." ■

U of A Medical Students Pioneer New Rural Program

By Julia Necheff

Whether he's diagnosing someone who has a common cold or dealing with a patient in the grip of a heart attack, U of A medical student Jason Wong is putting his training to the test and gaining valuable, hands-on experience in small-town Alberta.

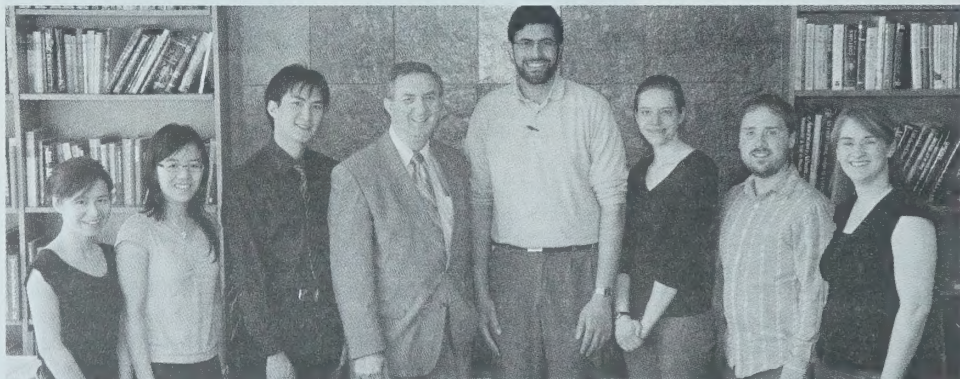
Wong, who is taking part in a program aimed at increasing the number of rural doctors in the province, says it's a big responsibility being a patient's first point of contact, especially when he doesn't have as many resources as he would in a large urban hospital. But he believes his nine-month stint in the town of Edson will make him a better doctor, and the program's proponents are optimistic it will ultimately result in more medical students choosing careers in a rural

family practice.

"You have to rely heavily on your clinical skills and judgment, but I have enjoyed the challenge," said Wong. "I think, for this reason, it is also very rewarding to practise as a rural physician." He said he especially values the chance to get to know his patients, saying it allows him to provide more holistic care.

In the third year of medical school, students go from mainly academic study to clinical training in what's known as a clerkship. They participate in the day-to-day management of patients under the supervision of fully licensed physicians and residents, rotating through various disciplines in blocks traditionally lasting four to eight weeks.

Wong is one of 17 students from the University of Alberta and the University of Calgary participat-



Thomas Marrie, dean of the Faculty of Medicine & Dentistry (fourth from right), stands with the seven students who took part in the inaugural Rural Integrated Community Clerkship program.

ing in the first year of the Rural Integrated Community Clerkship program, a partnership between the two universities. What's unique about this program is the rural setting and the fact the students spend a significant amount of time immersed in a family practice. The universities received \$2.37 million in funding for the inaugural year of the project from Rural Alberta's Development Fund, a non-profit corporation established by the provincial government.

Similar to the newly graduated doctor character on the popular 1990s TV show *Northern Exposure*, who moved to small-town Alaska after the state paid for his education, these big-city students commit to living and learning in an Alberta town for 36 weeks. In September 2007, seven U of A medical students went to four communities in northern and central Alberta. In April 2008, 10 U of C students were posted in southern Alberta towns.

"Alberta needs more family doctors, and the need is greatest in rural Alberta," noted Tom Marrie, dean of the University of Alberta's

Faculty of Medicine & Dentistry. The shortage of rural physicians is part of a larger problem in the training of doctors—the trend away from generalists to specialists and an urban focus, he says. "Our faculty's goal is to provide leadership in medical education. We want to be part of the solution by participating in this promising new program to improve health care for rural Albertans."

Jill Konkin, associate dean of the Office of Rural and Regional Health, points to the success of similar programs at the University of Minnesota and in Australia.

"For more than 35 years, the University of Minnesota has offered a year-long rural clerkship and the results are nothing short of stunning," said Konkin. "More than 60 per cent of its students who choose a rural clerkship practice family medicine after graduation."

She says research shows the key difference is early and frequent exposure to the benefits of a career as a family physician through a rural clerkship that lasts longer than four months.

Paul Jansen, a family doctor in

Edson and one of Wong's supervisors, is all in favour of the program and the real-world experience it provides the students. "The vision that they (the Faculty) have is very good," he said.

For a family practitioner, "the biggest thing is learning how to deal with people and the ability to make a diagnosis in a time-constrained environment. It does take a certain kind of person," Jansen said. "My feeling is the exposure is excellent and hopefully they will say, 'this is what I want to do.'"

This was the first project supported by Rural Alberta's Development Fund, which has a mandate to act as a catalyst for collaborative community-led projects that promote growth, prosperity and quality of life in rural Alberta.

"These students are becoming part of the fabric of the community and we're delighted to be a partner with the faculties of medicine at the two universities in this innovative program," said board chair Bob Clark. "We appreciate the faculties' ingenuity in putting the project forward." ■

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University of Alberta Press big winner at Alberta Book Publishing Awards

Michael Brown

The University of Alberta Press dominated the 2008 Alberta Book Publishing Awards announced May 9, taking six of the nine categories, including a sweep of the Alberta Book Design awards.

Ladybugs of Alberta, the third book in the Alberta Insect Series written and illustrated by John Acorn, professor in the Department of Renewable Resources, won for Best Illustrated Book.

"The thing that I really am proud of is the fact that it is the first colour guide to all the ladybugs of any part of North America," said Acorn. The guide that mixes photos and illustrations that Acorn produced himself. "There haven't been many people who have gone to the trouble of doing that sort of ultra-macro photography of ladybugs, and some of the species I had to work with were one-and-a-half millimeters long, so it required some real fiddly photographic techniques."

U of A Press volume editor Ian MacLaren brought together a collection of thought-provoking essays that garnered Scholarly Book of the Year for *Culturing Wilderness in Jasper National Park*. The volume also won Best Book Design of the Year for U of A Press designer Alan Brownoff. The jury commented that *Culturing Wilderness* is a "beautifully designed book that reaches for a broad range of readers, but has all its scholarly ducks in a row. It provides subtle criticism and a consistent and compelling notion as its central tenet."

Best Book Cover Design also

went to Brownoff for *Great Canadian Film Directors*, a collection of essays edited by George Melnyk. Kudos from the jury included, "The winning design subtly matches the cover to the content... Executed with a light touch that masks the amount of work involved in creating such a skillful cover."

Best Trade Non-Fiction Book of the Year went to Arthur Kroeger's *Hard Passage: A Mennonite Family's Long Journey from Russia to Canada*. Acquisitions Editor Michael Luski accepted on behalf of Kroeger, who passed away that same evening at his home in Ottawa.

Finally, Paul Payson took the Lois Hole Award for Editorial Excellence for his stellar edit of Don McPhail's life's work, *The Freshwater Fishes of British Columbia*.

Also nominated was Lara Minja for Book Cover of the Year for her work on *Arctic Hell-Ship: The Voyage of HMS Enterprise 1850-1855* by William Barr, and *Dressed to Rule: 18th Century Court Attire in the Mactaggart Art Collection* by John E. Vollmer, book design by Alan Brownoff, for Book Design of the year.

"Our authors are at the heart of our enterprise, and our desire is to see their work and creativity rewarded," said Linda Cameron, University of Alberta Press director. "A special thanks to our sponsors, including the Department of Canadian Heritage, The Canada Council for the Arts, the Alberta Foundation for the Arts, and the Alberta Historical Resources Foundation, for helping to make this possible."

The University of Alberta Press publishes in the areas of biography,



Alan Brownoff, University of Alberta Press designer and production manager, sits with winners of the 2008 Alberta Book Publishing Awards.

history, language, literature, natural history, regional interest, travel narratives, and reference books. The UAP contributes to the intellectual and cultural life of Alberta and Canada by publishing well-edited, research-based knowledge and creative thought.

Founded in 1975, the Book Publishers Association of Alberta (BPAA) represents more than 30 Alberta publishers with a shared mission. Its members publish books by local, national and international authors and provide significant cultural and economic benefits to this province. ■

A big step towards helping identity theft victims

Illeiren Poon

As society continues the race to keep up with technology, a University of Alberta researcher wants to make sure that some high-tech victims aren't left behind.

"Society has changed and there are new forms of victimization and new forms of trauma," said Jessica Van Vliet, U of A researcher and psychologist.

Identity theft is a crime that affects millions of people, she said. In 2006, an estimated one out of every six adults in Canada, or more than 4.2 million Canadians, were victims or lived in households where another family member had been victimized.

"We currently know little about the psychological and emotional impact this crime has on its victims and what helps with recovery," she said.

Van Vliet is calling out to identity-theft victims to help her with a new study. She hopes to do a series of interviews with victims, to explore their experiences of identity

theft, how they have coped and what has helped or hindered their recovery.

"Identity theft can be very traumatic and violating. It can really shatter a victim's sense of safety and trust in the world," she said.

While many incidents involve the misuse of someone's financial information, victims can find that their names have been used to falsify job credentials, to falsify criminal proceedings or even medial records, says Van Vliet.

"For some people, it can take years for them to clear their name. They can get to a point where they think they've finally managed to get themselves out of the mess, only to find that the individual is still out there using their name," she said. "It can cost thousands of dollars in lost wages and out-of-pocket expenses, and that's just the economic impact."

Van Vliet is looking for people who've recently discovered that they've been the victim of identity theft to participate in her study. A better understanding of the short-term and long-term emotional and

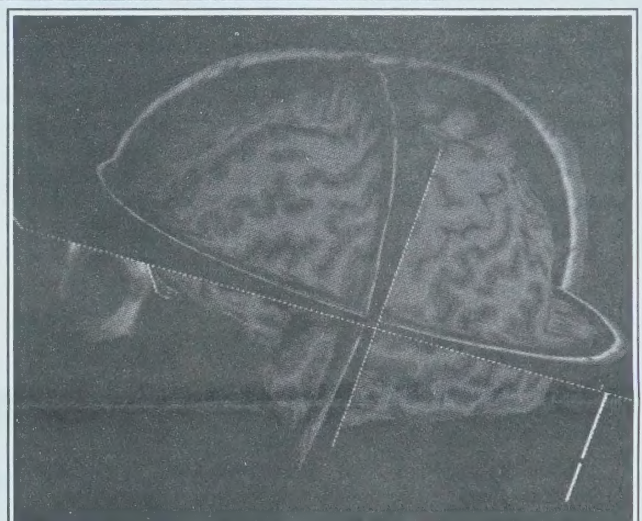
"Identity theft can be very traumatic and violating. It can really shatter a victim's sense of safety and trust in the world."

Jessica Van Vliet

psychological impacts of identity theft will help provide a foundation for clinical interventions aimed at helping victims of this crime, she says. She is going to use this information to come up with guidelines for counsellors and mental health practitioners.

"We, as a society, are going to have to expand our idea of what it means to be victimized, to be traumatized," she said. "I think it will also be helpful for victims to understand that someone is taking this crime and its effect on them very seriously."

To participate, contact Jessica Van Vliet at IDTheftStudy@ualberta.ca or 492-5894. ■



Did you experience a seizure with fever when you were a young child?

We are seeking volunteers to participate in a Magnetic Resonance Imaging (MRI) study of people who have experienced seizures with fever during childhood. The study consists of a one hour MRI scan at the In Vivo NMR Centre located in the University of Alberta Hospital (www.invivonmr.ualberta.ca).

Participants will receive a \$50 honorarium.

For further information on participating contact:
Dr. Donald Gross, Division of Neurology
telephone: 407-3616
email: donald.gross@ualberta.ca

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talks & events

Folio Talks and Events listings do not accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>. A more comprehensive list of events is available online at www.events.ualberta.ca. Deadline: Noon one week prior to publication. Entries will be edited for style and length.

Until Dec 31

University of Alberta Centenary Event Join us as we celebrate 100 years of influencing the world through teaching, research, and good works. www.100years.ualberta.ca/

May 24

Words Unbound May is Speech and Hearing Month and to mark the occasion the Institute for Stuttering Treatment and Research (ISTAR), the Canadian Stuttering Association (CSA) and the Department of Speech-Pathology and Audiology, Rehabilitation Medicine are collaborating to present a special public education day – *Words Unbound*. A panel of people who stutter will share their insights, followed by a presentation by Holly Lomheim, ISTAR speech-language pathologist, who will discuss stuttering treatment options. Shelli Teshima, a speech-language pathologist from the CSA, will then present on the topic of living with a stutter and self-help. Registration fee: \$5 for students, \$20 for adults and families at the door. For information or to register, please contact Emmy Stuebing at ISTAR at (780) 492-0977 or words_unbound@stutter.ca 1 – 5 p.m. Corbett Hall. istar.ualberta.ca

Alumni Memorial Service This event is held to honour and remember those of our alumni family who passed away in 2007. An

interfaith service, featuring the Mixed Chorus, will be conducted by the U of A Chaplains. 2 – 4 p.m. Arts and Convocation Hall.

May 27

GFC General Faculties Council Meeting (Council Chamber) 2 – 4 p.m. 2-1 University Hall.

May 28 – May 30

NanoForum Canada 2008 NanoForum '08 will take place immediately after the 91st Canadian Chemistry Conference and will include four themed presentation sessions each featuring an opening address by an invited speaker and presentations selected from submitted abstracts. There will also be extensive poster sessions. This year, NanoForum and the NanoMedicine Workshop are combined into one schedule. 9 a.m. – noon. TELUS Centre Aberhart Centre. www.nanoforum.ca

May 28

Inner City High School, Critical Literacy, and the conditions for Pedagogy Inner City High School serves Edmonton's most marginalized youth; many are homeless, most have had contact with the justice system, most are without parental support, and most are lacking in literacy skills. Find out how administrators deal with the school's various issues. This seminar is

presented by Joe Cloutier, principal of Inner City High School, and Alexina Dalgetty, program coordinator. Noon – 1:30 p.m. Room 633, Education S Education Centre.

May 29

Bringing Mental Health Stigma Out of the Shadows Participants will leave the forum with a solid understanding of the issues surrounding mental health in the workplace. Participants will learn how to identify illness among their co-workers and employees, as well as some tools for supporting people through their illness. CBC's Todd Maffin is the afternoon feature presentation. There will be an evening cocktail mixer. 8 a.m. – 7 p.m. Timms Centre for the Arts. To register (required) go to www.healthscience.ualberta.ca/nav01.cfm?nav01=76032.

Research Administrators' Day The Research Services Office (RSO) offers continuing education and professional development seminars for university staff throughout the year. Research Administrators' Day (RAD) is designed for administrators involved with research administration and management at faculty, department or project level. Participants will enhance their understanding of research administration through relevant, practical and interactive presentations from highly engaging speakers and experts on the topics. This year's Research Administrators' Day will focus on the complexity, diversity

and accountability of administrative responsibilities associated with research funding. 8 a.m. – 4 p.m. Education Centre. rsoregistration.ualberta.ca/CourseCalendar.do

June 1 – June 3

Sustaining Our Buildings & Grounds - The Next 100 Years A look at the provision of cleaning and grounds services at post secondary institutions. Participants from universities and colleges across Canada and the United States. The June 2 keynote address will be given by Walter Bond, a former professional basketball player and renowned motivational speaker. His talk starts at 3 p.m. at the Myer Horowitz Theatre Students' Union Building (SUB). Tickets are \$25. For more information contact Debbie Rasmussen at 492-6400. Lister Centre. www.uofaweb.ualberta.ca/facilities/BGSCConference08.cfm

June 2

Verbal Judo for Contact Professionals Verbal Judo teaches the communication skills necessary to remain centered and focused during any verbal encounter. Attendees learn to redirect behavior, diffuse difficult situations, and generate voluntary compliance from difficult people who are not on their best behavior. Cost is \$120 and can be covered by HRDF. 8:30 a.m. – 4:30 p.m. 203 Education Car Park (CSS Office). For more information contact Sgt. Nelson Presley at 492-8782 or visit our website at www.css.ualberta.ca/VerbalJudo.asp.

June 3

Celebration of Creative Aging Symposium Keynote lecture by Susan Perlstein, director of education and training, National Center on Creative Aging in Washington, D.C., will give a talk entitled *Embrace the Moment! Why Creativity Matters in Later Life*. The Celebration of Creative Aging Symposium has been organized as part of the Edmonton Creative Age Festival to promote recognition of, and help develop the field of arts and aging in Canada. This symposium provides a unique training and development opportunity for senior-serving agencies, health providers, seniors, students, and researchers involved in this area, or those simply interested in learning more about the field of arts and aging. 8:30 a.m. – 5 p.m. Telus Centre. To register (required), go to www.creativeagefestival.ca/festival_symposium.html.

June 6

Introduction to Conflict Management This half-day interactive workshop presented by the Office of Human Rights will highlight the minefields that litter our paths during outbreaks of conflict. As well, you will be introduced to techniques and strategies not only for surviving during times of conflict but also for deriving results that will have a positive impact on your relationships well into the future. Register at www.learningshop.ualberta.ca. 8:30 a.m. – noon. Glacier Room Lister Centre. sldregistration.ualberta.ca/CourseCalendar.do

Fine Arts

Until Dec 18

Saeculum: Commemorative Coins from Ancient Rome As part of the University of Alberta's Centenary celebrations, the Department of History and Classics is pleased to present a special exhibition of Roman coins focusing on the theme of 'commemoration'. The coins, many of which have been loaned to the department specifically for this exhibition, illustrate some of the important figures and key events of Roman Imperial history. Tours and visitations can be arranged by contacting the main office at 492-3270. 2-89 Tory WG Hardy Collection of Ancient Near Eastern and Classical Antiquities.

Until May 31

Seeing Through Modernism: Edmonton 1970 - 1985 For many artists, curators and collectors, the legitimization of the primary principles of modernism—medium specificity and aesthetic autonomy that were supported by the city's two largest art institutions—the Edmonton Art Gallery and the University of Alberta—was a welcome refuge from the postmodernist discourse that was effecting art production elsewhere. *Seeing Through Modernism* traces the development and maintenance of this modernist tradition in Edmonton through an examination of the artistic practices that dominated the city in the 1970s and 80s. This exhibit is curated by Anne Whitelaw from the Department of Art and Design. Fine Arts Building Gallery.

May 23 & 24

The Elephant Man Studio Theatre closes its 2007-08 season with a beautiful and poignant story of belonging. Written in 1977, Bernard Pomerance's Tony award-winning play *The Elephant Man* is the story of John (Joseph) Merrick, a severely deformed man who is rescued from a late Victorian-era circus freak show. Treated and housed in a London hospital, Merrick is elevated to the ranks of elite society where he becomes the object of pity and fascination. Merrick acquires the trappings of middle class distinction but remains an

outsider whose presence magnifies the disease in the society that surrounds him.

In partial fulfillment of his Master of Fine Arts (MFA) Directing thesis, this production is a superb fit for Michael Peng, a humanist director drawn to the vitality of the human spirit. The evening performances start at 7:30 p.m. Tickets are on sale now, available for \$10 – \$20, in person at TIX on the Square at Sir Winston Churchill Square Interpretive Centre, by phone at 420-1757, and online at www.tixonthesquare.ca. Walk-up tickets are available one hour before each performance at the Timms Centre box office. Timms Centre for the Arts (87 Avenue and 112 Street)

Until June 28

Against the Grain: Japanese Woodblock Prints from the University of Alberta Art Collection *Against the Grain* features approximately 70 prints, both historical and contemporary, that showcase the beauty, complexity, and range Japanese woodblock printmaking.

The collection is open to the public free-of-charge until June 28, Thursdays from 3 p.m. – 8 p.m., and Fridays and Saturdays from noon – 5 p.m. in the U of A Museums' Gallery A on the main floor of the TELUS Centre (87 Avenue and 111 Street). For more information on *Against the Grain*, please contact Museums and Collections Services at the University of Alberta at 780.492.5834 or visit www.museums.ualberta.ca.

Until May 31

Seeing Through Modernism: The University of Alberta 1970-1985 This exhibit examines in greater depth the contribution of the U of A to the fine arts in Edmonton in the 1970s and 80s. Reception: May 15 from 7 – 10 pm. This reception is



Japanese woodblock prints are on display at the U of A Art Collection.

open to the public and is free to attend. Regular Gallery hours are Tuesday to Friday, 10 a.m. – 5 p.m., and Saturday 2 – 5 p.m. The Gallery is closed Sundays, Mondays and statutory holidays. 1-1 Fine Arts Building Gallery. www.ualberta.ca/ARTDESIGN/html/fab/current.html

May 15 – Aug 15

A Most Dangerous Voyage: An Exhibition of Books and Maps Documenting Four Centuries of Exploration in Search of a Northwest Passage. The exhibition and catalogue of Arctic holdings coincide with the International Polar Year. Catalogues are available for purchase at the Bruce Peel Special Collections Library at a cost of \$25 (cash only). Admission is free. Please visit the lower level of Rutherford South to tour the exhibit (summer hours are posted online: 12-4:30pm, Monday to Friday). Lower Level, Rutherford South Rutherford Library, North and South (Humanities and Social Sciences). www.library.ualberta.ca/specialcollections/index.cfm

Spring Convocation

Northern Alberta Jubilee Auditorium (located on 114 Street and 87 Avenue) www.registrar.ualberta.ca

June 4

3 p.m. The Faculty of Engineering

June 5

10 a.m. Faculties of Graduate Studies and Research (Doctor of Philosophy, Doctor of Education and Doctor of Music only) and Nursing

3 p.m. Faculties of Graduate Studies and Research (Masters degrees only) and Rehabilitation Medicine

June 6

10 a.m. Faculties of Medicine and Dentistry and Pharmacy and Pharmaceutical Sciences

3 p.m. Faculty of Extension

Augustana Campus
Spring Convocation

May 25

2:30 p.m. Augustana Campus
K. Glen Johnson Faith and Life Building
www.augustana.ualberta.ca/administration/registrar/convocation_info.html



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notices

The Honourable James Edwards has been appointed to the Natural Sciences and Engineering Research Council of Canada (NSERC).

"Mr. Edward's wide-ranging experience and service to Canada will serve him well as a member of NSERC," said Jim Prentice, minister of Industry and Minister responsible for the Natural Sciences and Engineering Research Council of Canada (NSERC). "Guided by the Science and Technology Strategy, the Government of Canada is committed to creating the right environment to further improve Canada's global leadership position in research excellence and to building a larger base of scientific expertise."

Edwards started his career in Edmonton, where he established the city's first FM stereo radio station for Sunwapa Broadcasting

CFRN. He then went on to hold the positions of manager of the radio division and president of the Western Association of Broadcasters before entering Parliament. Edwards served as member of Parliament for Edmonton Southwest for nine years.

From 1998 to 2002, Edwards was president and CEO of Economic Development Edmonton, and then served as chair of the University of Alberta Board of Governors until 2006.

NSERC is a federal agency whose role is to make investments in people, discovery and innovation for the benefit of all Canadians. Over the past 10 years, NSERC has invested \$6 billion in basic research, university-industry projects and the training of Canada's next generation of scientists and engineers.



The Honourable Jim Edwards

classified ads

ACCOMMODATIONS FOR RENT

ROSSDALE, LA CAILLE, TOWNHOUSE (9209-98 Ave. NW) - Sun, River Valley & Folk Festival in summer, wash the car in warmth in winter. ONLY ONE UNIT LEFT. Lovely 3 storey townhouse with two side x side underground heated parking stalls. This home is beautiful. Show suite condition. 2 bed, 2 full ensuite, 2nd floor laundry, 3rd floor theatre office, balconies. Air-conditioned, alarm system. Call JANET FRASER, (780) 441-6441, jennfra@interbaun.com Gordon W. R. King & Assoc. Real Estate Corp.

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Michael Jenner, 780-441-6441, michael@jenner.tv for showings. Gordon W.R. King Real Estate.

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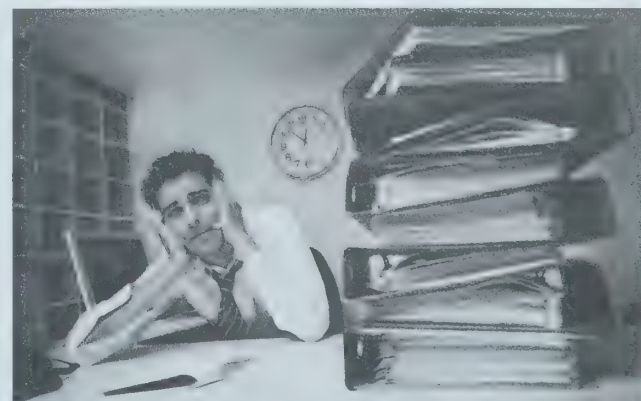
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Happy 100 Years, U of A!

I AM NOT AN ANIMAL!

I AM A HUMAN BEING!

I AM A MAN!

As if the indignity of living in Victorian England with a horribly disfiguring disease weren't enough, John Merrick — the "Elephant Man" — has received short shrift in the last 30 years as well.

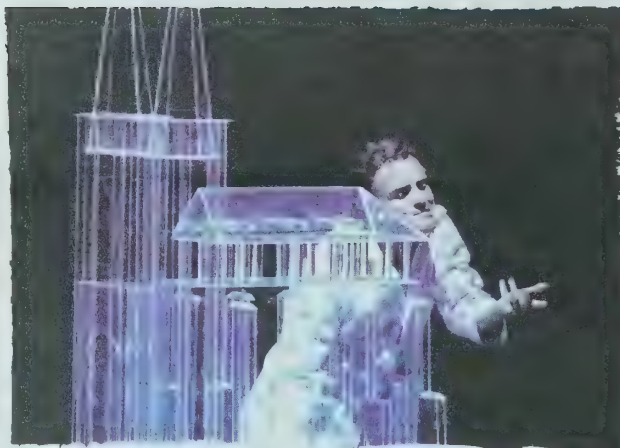
"It's a story I've loved for years, and I think it's fallen on some hard times," said Michael Peng, University of Alberta master of fine arts student and director of Studio Theatre's production of *The Elephant Man*. "I grew up in the '80s, with Michael Jackson buying the Elephant Man's bones and the David Lynch movie. The icon has become bigger than the facts on which the story was based."

Written in 1977, Bernard Pomerance's Tony award-winning play is the story of Merrick, a severely deformed man who is rescued by a doctor, Frederick Treves, from a late Victorian-era circus freak show. Treated and housed in a London hospital, Merrick is elevated to the ranks of elite society where he becomes the object of pity and fascination.

Merrick acquires the trappings of middle-class distinction but remains an outsider whose presence magnifies the disease in the society that surrounds him.

"It's really a lovely story about identity and belonging, and the way we perceive beauty and humanity and the obstacles that get in the way of love," said Peng. "I think we're a cynical culture, and we've got such an obsession with image that a story like this is problematic for humanity. We're quick to laugh at it or criticize it in some way."

Evening performances of *The Elephant Man* run from May 23 – 24 at 7:30 pm. Tickets are on sale now, available for \$10 to \$20, and can be purchased in person at TIX on the Square at Sir Winston Churchill Square Interpretive Centre, by phone at 780-420-1757 or online at www.tixonthesquare.ca. Walk-up tickets are available one hour before each performance at the Timms Centre box office. ■



Photos: Eric Brothers Photography



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Most of our programs and classes do not require a degree or previous post-secondary education—just a desire to learn and to explore the possibilities a commitment to lifelong learning can bring.

Management Development Certificate Program



Organizations today count on people to excel at decision making, problem solving, motivation and strategic planning. This certificate program will help you acquire practical knowledge in functional areas such as human resources management, financial management, marketing, strategy and operations. You will gain knowledge and skills that will enhance your managerial competencies and advanced theory and concepts that will strengthen your leadership potential. You will learn from instructors who know their business—people who have faced the challenges you face to excel in their fields. This is quality classroom time packed with inside information, practical advice and excellent instruction.

There is also the opportunity for students who wish to specialize in the **Management Development Certificate for Professional Engineers and Geoscientists** or the **Management Development Certificate for Police Services**. Please visit our web-site for complete details.

Courses are also eligible for exemption towards various professional designations such as the Certified Management Accountant (CMA), Canadian Institute of Management (CIM) and the Insurance Institute of Canada (FCIP *original track).

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.3027

website: www.extension.ualberta.ca/management
email: managementprog@ualberta.ca

Fall 2013

subject	catalog #	section	day(s)	duration	starts	cost
EXMGT	5566	FA1 Commercial Law	R	13 eve	Sept 12	\$575
EXMGT	5678	FA1 Directing and Managing Organizational Change	T	13 eve	Sept 10	\$575
EXMGT	5596	FA1 Human Resources Foundations	R	13 eve	Sept 12	\$575
EXMGT	5596	FA2 Human Resources Foundations	*		Sept 27	\$575
EXMGT	5576	FA1 Interpersonal Communications in Business	T	13 eve	Sept 10	\$575
EXMGT	5577	FA1 Introduction to Management	R	13 eve	Sept 12	\$575
EXMGT	5577	FA2 Introduction to Management	*		Oct 4	\$575
EXMGT	5578	FA1 Introduction to Managerial Economics	R	13 eve	Sept 12	\$575
EXMGT	5579	FA1 Introductory Financial Accounting	W	12 eve	Sept 11	\$575
EXMGT	5587	FA1 Organizational Behaviour	T	13 eve	Sept 10	\$575
EXMGT	5587	FA2 Organizational Behaviour	*		Oct 4	\$575
EXMGT	5587	FA3 Organizational Behaviour	*		Nov 15	\$575
EXMGT	5682	FA1 Strategic Management	*		Nov 15	\$575
EXMGT	5515	FA1 Financial Management	T	13 eve	Sept 10	\$575
EXMGT	5594	FA1 Negotiations	R	13 eve	Sept 12	\$575

LEGEND M–Monday T–Tuesday W–Wednesday R–Thursday F–Friday S–Saturday D–Sunday

* Check website for full details

Human Resources Management Certificate Program

Managing employees is critical to any organizations success. Learn how to plan for the needs of your organization and gain a greater understanding of issues in this field. Improve and enhance your practical skills that directly apply to the day-to-day operation of the human resources role. This program is invaluable for those working in human resources, as well as those working in or aspiring to a supervisory role.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.3027

website: www.extension.ualberta.ca/hrm
email: managementprog@ualberta.ca

Fall 2013

subject	catalog #	section	day(s)	duration	starts	cost
EXMGT	5678	FA1 Directing and Managing Organizational Change	T	13 eve	Sept 10	\$575
EXMGT	5596	FA1 Human Resources Foundations	R	13 eve	Sept 12	\$575
EXMGT	5596	FA2 Human Resources Foundations	*		Sept 27	\$575
EXMGT	5576	FA1 Interpersonal Communications in Business	T	13 eve	Sept 10	\$575
EXMGT	5577	FA1 Introduction to Management	R	13 eve	Sept 12	\$575
EXMGT	5577	FA2 Introduction to Management	*		Oct 4	\$575
EXMGT	5578	FA1 Introduction to Managerial Economics	R	13 eve	Sept 12	\$575
EXMGT	5599	FA1 Labour and Employee Relations	W	13 eve	Sept 11	\$575
EXMGT	5587	FA1 Organizational Behaviour	T	13 eve	Sept 10	\$575
EXMGT	5587	FA2 Organizational Behaviour	*		Oct 4	\$575
EXMGT	5587	FA3 Organizational Behaviour	*		Nov 15	\$575
EXMGT	5602	FA1 Techniques of Interviewing	*		Oct 25	\$575
EXMGT	5603	FA1 Managing Performance through Training and Development	S	7 days	Sept 7	\$575
EXMGT	5594	FA1 Negotiations	R	13 eve	Sept 12	\$575

LEGEND M–Monday T–Tuesday W–Wednesday R–Thursday F–Friday S–Saturday D–Sunday

* Check website for full details

Information Technology Management Certificate Program

Keep pace with the rate of change in the information systems industry and learn how to anticipate future developments and trends.

Based on an understanding that organizational effectiveness depends on how managers acquire, organize and use information, this program has been developed in consultation with information technology practitioners, business managers, and industry experts. It provides systems and business professionals with the latest knowledge and expertise in the area of information technology management.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.3027
website: www.extension.ualberta.ca/itm
email: managementprog@ualberta.ca

Fall Term 2013

subject	catalog #	section	day(s)	duration	starts	cost	
EXMGT	5678	FA1	Directing and Managing Organizational Change	T	13 eve	Sept 10	\$575
EXMGT	5611	FA1	Business Case Management	W	13 eve	Sept 11	\$575
EXMGT	5614	FA1	Information Technology Concepts	T	13 eve	Sept 10	\$575
EXMGT	5576	FA1	Interpersonal Communications in Business	T	13 eve	Sept 10	\$575
EXMGT	5577	FA1	Introduction to Management	R	13 eve	Sept 12	\$575
EXMGT	5577	FA2	Introduction to Management	*		Oct 4	\$575
EXMGT	5617	FA1	Strategic Planning for Information Technology Management	R	13 eve	Sept 12	\$575

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Check website for full details

Risk and Insurance Management

Risk Management is the fast-growing discipline of management dealing with the handling of losses which can seriously affect an organization's normal operation. Courses are offered in cooperation with Risk and Insurance Management Society. The Faculty of Extension also offers courses that lead towards the FCIP Fellow Chartered Insurance Professional designation (*original track), offered through the Insurance Institute of Canada.

2013

subject	catalog #	section	day(s)	duration	starts	cost
EXIIC	5626	FA1	Risk Assessment	MW	13 eve	Sept 9 \$575
EXIIC	5630	WI1	Risk Control	T	12 eve	Jan 14 \$575
EXIIC	5631	SP1	Risk Financing	MW	12 eve	Apr 7 \$575

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.3027
website: www.extension.ualberta.ca/iic
email: managementprog@ualberta.ca

Purchasing Management

Offered in cooperation with the Purchasing Management Association of Canada, learn the fundamentals of procurement, transportation, logistics and operations. For further information please visit our web-site. Please note that the program requirements have changed effective September 2013. Please contact PMAC directly for information at aipmac.ab.ca/

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.3027
website: www.extension.ualberta.ca/study/management/supplymanagement
email: managementprog@ualberta.ca

Fall Term 2013

subject	catalog #	section		day(s)	duration	starts	cost
EXPMAC	5633	FA1	Introduction to Transportation	W	13 eve	Sept 11	\$675
EXPMAC	5635	FA1	Introduction to Operations Management	R	13 eve	Sept 12	\$675
EXPMAC	5692	FA1	Competitive Bidding, Contract Preparation & Contract Management	MT	2 days	Sept 23	\$825
EXPMAC	5632	FA1	Introduction to Procurement	SD	3 wk	Sept 21	\$675
EXPMAC	5697	FA1	Introduction to Marketing	SD	2 days	Oct 26	\$645
EXPMAC	5634	FA1	Introduction to Logistics	SD	3 wk	Nov 2	\$675
EXPMAC	5596	FA1	Introduction to Accounting and Finance	SD	2 days	Nov 23	\$645
EXPMAC	5698	FA1	Introduction to Business Planning	MT	2 days	Nov 18	\$645
EXPMAC	5690	FA1	Communication and Relational Skills	MTW	3 days	Oct 21	\$1238

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday



Professional Associations providing Additional Accreditation

Many of the courses offered in Business Certificate Programs can be used to receive recognition from many respected and valued professional associations. Professional designations in such areas as accounting, purchasing, management, risk and insurance, and human resources can be completed by taking courses through the University of Alberta. For a complete listing of partnered professional associations please call 780.492.3027 or check our website at www.extension.ualberta.ca/management.

780.492.3027

website: www.extension.ualberta.ca/management
email: managementprog@ualberta.ca

Citation in Entrepreneurship

Examine the entrepreneurial process and examine the important factors to consider when starting your own business. This compact but comprehensive program will help get you started in understanding the process of exploring new business ideas and opportunities. From developing a business plan to legal considerations, learn the skills you will need to succeed with your new venture.

It is about identifying, valuing, and capturing opportunities. An entrepreneurial mindset is crucial for all organizations — small or large, new or old, for-profit or not-for-profit.

subject	catalog #	section	day(s)	duration	starts	cost
EXMGT	5510	FA1 Fundamentals of Entrepreneurship	W	13 eve	Sept 11	\$575
LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday						

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.3027

website: www.extension.ualberta.ca/study/management
email: managementprog@ualberta.ca

NEW!

Citations in Social Media

The Faculty of Extension is extremely excited to announce two new Social Media citation programs. While each of these programs is unique in focus — one in strategic marketing and the other in communications — these programs do share several core and elective courses. As a result, students who successfully complete one citation only need to complete four additional courses to receive the other citation as well, and we anticipate many students will desire to learn both the strategic marketing and communication aspects of social media. Each Citation is a 120-hour program. It is offered in a format of four core courses and two electives (each 20 hours in length). Electives can be selected from either the Citation in Social Media Communications or the Citation in Social Media Strategic Marketing streams.

Citation in Social Media Strategic Marketing

The *Citation in Social Media Strategic Marketing* has been designed to empower participants with the ability to think about social media in a strategic and innovative manner. Learners will be taught the skills needed to use available social media platforms, as well as to design, implement, and measure their social media impact within these platforms. With this knowledge, participants will have the opportunity to learn how marketing and branding strategies may be applied to these mediums to promote ideas and products, engage new and existing clients, and expand into new markets.

780.492.3027

website: www.extension.ualberta.ca/management
email: managementprog@ualberta.ca

Citation in Social Media Communications

Social Media has profoundly changed the way we communicate with each other, whether for personal, business or organizational reasons. This new connected, collaborative, community we all find ourselves in brings with it both opportunities and challenges. How to communicate effectively in the social media age, deriving the most from the increasing number of different social media platforms, and understanding the new rules of this robust multi-dimensional communication model (collectively called social media or Web 2.0) is the aim of the new *Citation in Social Media Communications*.

Basic writing and visual communication principles, storytelling and narrative techniques, and other methods of developing a unified and appropriate message through social media will be evaluated and practiced.

Subject: EXSM 3988 Social Media Marketing - FS Form 100							
subject	catalog #	section		day(s)	duration	starts	cost
CORE COURSES							
EXSM	5510	FA1	Fundamentals of Social Media	FS	4	Sept 20	\$525
EXSM	5511	FA1	Developing an Integrated Social Media Strategy	MTW	3 days	Oct 21	\$525
EXSM	3988	FA1	Effective Social Media Communication	* See note below		Sept 30	\$525
ELECTIVE COURSES							
EXSM	5514	FA1	Social Media Marketing Strategy	FS	4	Nov 1	\$525
EXSM	5513	FA1	Online and Mobile Marketing and Commerce	MTW	3 days	Nov 25	\$525
EXSM	3989	FA1	Digital Storytelling and Narrative	**See note below		Nov 18	\$525
LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday							

Catalog - Social Media Communication - Fall Term 2015						
subject	catalog #	section	day(s)	duration	starts	cost
CORE COURSES						
EXSM	5510	FA1 Fundamentals of Social Media	FS	4	Sept 20	\$525
EXSM	3988	FA1 Effective Social Media Communication	* See note below		Sept 30	\$525
EXSM	3989	FA1 Digital Storytelling and Narrative	**See note below		Nov 18	\$525
ELECTIVE COURSES						
EXSM	5514	FA1 Social Media Marketing Strategy	FS	4	Nov 1	\$525
EXSM	5513	FA1 Online and Mobile Marketing and Commerce	MTW	3 days	Nov 25	\$525
LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday						
* A blended face-to-face and online course. Face-to-face dates are Thurs. & Fri., Oct. 3 & 4, 9:30 am-4:30 pm, with the online portion being available Sept. 30 - Oct. 18.						
** A blended face-to-face and online course. Face-to-face dates are Thurs. & Fri., Nov. 21 & 22, 9:30 am-4:30 pm, with the online portion being available Nov. 18 - Dec. 13.						

780.492.3093

website: www.extension.ualberta.ca/smcomm
email: liberalstudies@ualberta.ca

Supervisory Development Citation Program



Our Supervisory Development Citation Program provides the up-to-date information and advice you need to become an effective leader in your work environment. Whether you already supervise staff or are planning to move your career in that direction, you will benefit from this practical program that focuses on the key areas of leadership.

Core Courses

- Principles of Supervision (15 hours)
Interpersonal Communications (15 hours)
Creating Effective Work Groups (15 hours)
- The Supervisor as a Trainer (15 hours)
Interviewing Techniques for Supervisors (15 hours)
Supervisory Summation (15 hours)

Elective Seminars (Choose one)

- Supervising in the Union Environment (15 hours)
- The Law and the Supervisor (15 hours)

The program schedule is flexible, offering you a choice of classes to choose from. To graduate, you will complete the six core courses and one elective. Corporate discounts are available for organizations enrolling more than three people at one time in any one seminar. For more information, call 780.492.5066 or 780.492.8315.

780.492.5066

website: www.extension.ualberta.ca/study/management/sd
email: managementprog@ualberta.ca

Supervisory Development Citation Program

subject	catalog #	section	day(s)	duration	starts	cost
EXSDP	5310	FA1	Principles of Supervision	2 days	MT	Sept 16 \$435
EXSDP	5310	FA2	Principles of Supervision	2 days	RF	Sept 19 \$435
EXSDP	5311	FA1	Interpersonal Communications	2 days	RF	Sept 26 \$415
EXSDP	5312	FA1	Creating Effective Work Groups	2 days	RF	Oct 3 \$415
EXSDP	5313	FA1	The Supervisor as a Trainer	2 days	RF	Oct 10 \$415
EXSDP	5314	FA1	Interviewing Techniques for Supervisors	2 days	RF	Oct 17 \$415
EXSDP	5310	FA3	Principles of Supervision	2 days	MT	Oct 21 \$435
EXSDP	5315	FA1	Supervising in the Union Environment	2 days	RF	Oct 24 \$415
EXSDP	5311	FA2	Interpersonal Communications	2 days	MT	Oct 28 \$415
EXSDP	5312	FA2	Creating Effective Work Groups	2 days	MT	Nov 4 \$415
EXSDP	5316	FA1	The Law and the Supervisor	2 days	RF	Nov 14 \$415
EXSDP	5313	FA2	The Supervisor as a Trainer	2 days	MT	Nov 18 \$415
EXSDP	5314	FA2	Interviewing Techniques for Supervisors	2 days	MT	Nov 25 \$415
EXSDP	5317	FA1	Supervisory Summation	2 days	MT	Dec 2 \$415
EXSDP	5317	FA2	Supervisory Summation	2 days	RF	Dec 5 \$415

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Professional Development Series*

As a professional, you are always looking for ways to further your career and education and bridge your current learning into future opportunities.

In today's global work world, professionals at all levels are finding that continually enhancing their knowledge and expertise is a powerful way to increase your competitive edge as well as contribute towards the positive enrichment of your corporation's culture and operations. The Faculty of Extension's new Professional Practice Studies allows you to specialize in areas of specific interest to enhance your skills and knowledge in a targeted subject area. Each specialization will provide approximately 50 hours of study and upon completion participants will receive recognition of their accomplishment.

Specialization in Business Analysis, Workplace Communication, and Conflict Resolution

- Business Analysis*
 - Workplace Communication*
 - Conflict Resolution*
- Financial Management*
 - Management Bootcamp*
 - Workplace Coaching*

* For the complete listing of program requirements please visit our website at: www.extension.ualberta.ca/business.

We are committed to help you achieve your personal and professional goals

Business Analysis Professional Citation Program

Business Analysts are in demand! Business Analysis is the set of tasks, knowledge, and techniques required to identify business needs and determine solutions for business problems. This program will be of interest to Business and Project Managers who seek solutions for process improvement and organizational changes as well as System Analysts who need to bridge the gap between business processes and technical requirements.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

Seminars

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

Business Analysis Professional Citation Program

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	5419	FA1	GMAT Test Preparation Course	9 Eve	9W	Sept 11 885*
EXGEN	5353	FA1	Basic Accounting for Nonaccountants	6 eve	6M	Sept 23 465*
EXGEN	5418	FA1	Win-Win Collaboration	2 days	MT	Oct 7 465*
EXGEN	5369	FA1	Managing Your Time	1 day	F	Oct 18 375*
EXGEN	5432	FA1	Workplace Presentation Skills	2 days	2T	Oct 22 465*
EXGEN	5411	FA1	Uniting Generations at Work	1 day	F	Oct 25 375*
EXGEN	5422	FA1	Assertive Communication	1 day	F	Nov 1 375*
EXGEN	5360	FA1	Finance for Nonfinancial Managers	2 days	WR	Nov 6 465*
EXGEN	5372	FA1	Mental Toughness: Training for Success	1 day	F	Nov 15 435*
EXGEN	5410	FA1	Coaching for Success	2 days	MT	Nov 18 465*
EXGEN	5435	FA1	Retirement Groove: Finding Yours	1 day	M	Nov 22 375*
EXGEN	5430	FA1	The Art of Business Relationships	2 days	RF	Dec 5 465*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST.

Corporate discounts are available for organizations enrolling more than three people at one time in any one seminar. For more information, call 780.492.5066 or 780.492.8315

780.492.5066

website: www.extension.ualberta.ca/study/management/sd
email: managementprog@ualberta.ca

Business Analysis Professional Citation Program

subject	catalog #	section	day(s)	duration	starts	cost
EXBA	5687	FA1	Introduction to Business Analysis	2 wknd	2 FS	Sept 6 \$875
EXBA	5687	FA2	Introduction to Business Analysis	3 days	MTW	Sept 9 \$875
EXBA	5688	FA1	Understanding and Gathering Requirements	2 days	MT	Sept 30 \$675
EXBA	5688	FA2	Understanding and Gathering Requirements	1 wknd	SD	Oct 5 \$675
EXBA	5689	FA1	Analyzing Information, Processes and Workflow	2 wknd	2 FS	Oct 18 \$875
EXBA	5689	FA2	Analyzing Information, Processes and Workflow	3 days	MTW	Oct 21 \$875
EXBA	5690	FA1	Communication Success Factors	1 wknd	SD	Nov 16 \$675
EXBA	5690	FA2	Communication Success Factors	2 days	MT	Nov 18 \$675
EXBA	5691	FA1	Solutions, Design and Testing	2 wknd	2 FS	Nov 29 \$875
EXBA	5691	FA2	Solutions, Design and Testing	3 days	MTW	Dec 9 \$875

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

780.492.5066

website: www.extension.ualberta.ca/study/management/ba
email: managementprog@ualberta.ca

Occupational Health and Safety



Concern for the promotion of health and safety in the workplace is increasing among workers and employers across all industries. Consequently, the demand for occupational health and safety professionals is also increasing. This certificate program is designed to help practitioners from many different backgrounds develop the competencies needed to be effective in the development, implementation, and evaluation of occupational health and safety programs and systems in a wide variety of occupational settings.

The program consists of 6 core courses, 78 hours of core elective courses and 35 hours of elective enrichment seminars.

The University of Alberta's Occupational Health and Safety Certificate Program is also offered at the following affiliate institutions: Keyano College (Fort McMurray), Red Deer College, Grande Prairie Regional College and Medicine Hat College.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

Edmonton location:

Monday, June 17, 2013 -
Noon to 1 pm; Room 2-922
Tuesday, August 27, 2013 - 6:00 -
7:00 pm, Room 2-922

Sessions are held on the
second floor of Enterprise Square,
10250 Jasper Avenue

Calgary:

Wednesday, May 15, 2013 -
8:00 - 9:00 pm; Room EC 2065

Mount Royal
University

780.492.3037
toll free: 1.800.808.4784
website: www.extension.ualberta.ca/ohs
email: ohs@ualberta.ca

Classes listed below will be held in Edmonton and Calgary.

subject	catalog #	section		day(s)	duration	starts	cost
CORE COURSES							
EXOS	4620	FA1	Introduction to Health and Safety Systems	MW	13 eves	Sept 16	\$575
EXOS	4620	FA2	Introduction to Health and Safety Systems	MTWR	4 days	Sept 16	\$575
EXOS	4620	FA4	Introduction to Health and Safety Systems	TWRF	4 days	Oct 15	\$575
EXOS	4621	FA1	Management of Health and Safety Systems	MTWR	4 days	Dec 9	\$575
EXOS	4621	FA2	Management of Health and Safety Systems	SD	3 wknds	Nov 2	\$575
EXOS	4622	FA1	Fundamentals of Occupational Hygiene	W	13 eves	Sept 11	\$575
EXOS	4622	FA2	Fundamentals of Occupational Hygiene	SD	3 wknds	Oct 19	\$575
EXOS	4623	FA1	Applied Occupational Hygiene	MTWR	4 days	Sept 16	\$575
EXOS	4624	FA1	Health and Safety Law	TWRF	4 days	Sept 10	\$575
EXMGT	5587	FA1	Organizational Behaviour	T	13 eve	Sept 10	\$575
EXMGT	5587	FA2	Organizational Behaviour	*	**	Oct 4	\$575
EXMGT	5587	FA3	Organizational Behaviour	*	**	Nov 15	\$575

* Check website for full details

ELECTIVE COURSES							
EXOS	4575	FA1	Fundamentals of Auditing	TWRF	4 days	Sept 17	\$575
EXOS	4609	FA1	Safety Hazard Recognition, Evaluation & Control	SD	2 wknds	Sept 14	\$575
EXOS	4609	FA2	Safety Hazard Recognition, Evaluation & Control	TWRF	4 days	Nov 19	\$575
EXOS	4625	FA1	Risk Management and Communications	SD	2 wknds	Nov 30	\$575
EXOS	4631	FA1	How To Be An Effective Safety Trainer	MTWR	4 days	Oct 14	\$575
EXMGT	5576	FA1	Interpersonal Communications in Business	T	13 eve	Sept 10	\$575
EXMGT	5603	FA1	Managing Performance through Training and Development	S	7 days	Sept 7	\$575

ENRICHMENT SEMINARS							
EXOS	4637	FA1	Human Factors in Safety	RF	2 days	Sept 26	\$445
EXOS	4612	FA1	Safety Culture & Perception Surveys	F	1 day	Sept 27	\$345
EXOS	4568	FA1	Emergency Management	MT	2 days	Sept 30	\$445
EXOS	4633	FA1	Accident Causation Theory	R	1 day	Oct 17	\$345
EXOS	4629	FA1	Noise and Hearing Conservation	F	1 day	Oct 18	\$345
EXOS	4579	FA1	Incident Investigation	MT	2 days	Oct 21	\$445
EXOS	4584	FA1	Managing Contractor Safety Performance	RF	2 days	Oct 3	\$445
EXOS	4634	FA1	Avoiding a Wrong with Two Rights: Human Rights Vs. the Right to Safety	SD	2 days	Oct 5	\$445
EXOS	4603	FA1	Behaviour-Based Safety	SD	2 days	Dec 7	\$445

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

subject	catalog #	section		day(s)	duration	starts	cost
CORE COURSES							
EXOS	4620	FA3	Introduction to Health and Safety Systems	TWRF	4 days	Oct 22	\$575
EXOS	4621	FA3	Management of Health and Safety Systems	TWRF	4 days	Nov 19	\$575
EXOS	4622	FA3	Fundamentals of Occupational Hygiene	TWRF	4 days	Sept 24	\$575
EXOS	4623	FA2	Applied Occupational Hygiene	SD	3 wknds	Oct 26	\$575
EXOS	4624	FA2	Health and Safety Law	TWRF	4 days	Nov 12	\$575

ELECTIVE COURSES							
EXOS	4601	FA1	Fundamentals of Disability Management	TWRF	4 days	Oct 15	\$575
EXOS	4576	FA1	Fundamentals of Ergonomics	SD	2 wknds	Nov 30	\$575

ENRICHMENT SEMINARS							
EXOS	4636	FA1	Fatigue Risk Management	S	1 day	Sept 28	\$345
EXOS	4603	FA2	Behaviour-Based Safety	RF	2 days	Oct 3	\$445
EXOS	4560	FA1	Conflict and Confrontation	R	2 days	Dec 12	\$445
EXOS	4572	FA1	Fall Protection	S	1 day	Sept 21	\$345
EXOS	4574	FA1	Fire Safety Program	SD	2 days	Oct 5	\$445
EXOS	4628	FA1	Toxicology: Effects and Hazards	F	1 day	Dec 13	\$345

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

subject	catalog #	section		day(s)	duration	starts	cost
CORE COURSES							
EXOS	4622	FA4	Fundamentals of Occupational Hygiene	T	13 wks	Sept 5	\$675
EXMGT	5587	FA4	Organizational Behaviour		13 wks	Sept 9	\$675
EXOS	4621	FA4	Management of Health and Safety Systems		13 wks	Sept 9	\$675
EXOS	4620	FA5	Introduction to Health and Safety Systems	R	13 wks	Sept 9	\$675

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Construction Administration

How can you enter or advance in this exciting, high-growth field? This certificate provides the fundamental areas of construction administration. Develop and expand your managerial skills in courses developed and approved by U of A and accredited by *Canadian Construction Association for Gold Seal Accreditation*.

If you desire a career change in the construction field, this program will help you gain knowledge essential to success in the field. Or, if you work in the construction industry, design, project management, manufacturing and supply, development, or real estate, and are seeking the competitive edge to further your career, this certificate will greatly increase your competency, and ability to compete and advance. This program builds your understanding of the planning, technical, financial, and legal aspects of the construction business.



Leadership in Energy and Environmental Design (LEED)

The Faculty of Extension is pleased to partner with the Canada Green Building Council (CaGBC) to offer Leadership in Energy and Environmental Design (LEED) courses designed to give students a working knowledge of the LEED Green Building Rating System. These courses lay the foundation for the new, three-tiered LEED Designation program.

For more information, and upcoming course offerings, please check our website: www.extension.ualberta.ca/leed

Corporate Training: Contact us now to learn how we can help your organization meet its professional development and corporate training objectives.

Courses

subject	catalog #	section	day(s)	duration	starts	cost
EXCST	4203	FA1	Contract Law & Construction Documents (Core)	W	12 eve	Sept 11 \$565
EXCST	4204	FA1	Fundamentals of Project Management (Core)	F/S/M	4 days/2 eve	Sept 13 \$565
EXCST	4202	FA1	Construction Planning & Scheduling (Core)	T/S	7 eve/ 3S	Sept 17 \$565
EXCST	4217	FA1	Project Delivery (Elective)	RF	2 days	Sept 26 \$485
EXCST	4240	FA1	Construction Cost Control (Elective)	F/S/M	4 days/2 eve	Oct 25 \$565
EXCST	4216	FA1	Fundamentals of Blueprint Reading (Elective)	RF	2 days	Nov 14 \$485

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Courses are subject to change. Please visit our website at www.extension.ualberta.ca/study/sciences/construction/ for the most current information and to register online.

Courses

subject	catalog #	section	day(s)	duration	starts	cost	
EXGEN	4790	FA1	LEED Green Building Strategies and Green Associate Exam Preparation	1R2F2S	5 days	Nov 21	\$895

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.5532 or 780.492.3158

website: www.extension.ualberta.ca/cst
email: cst@ualberta.ca



Environmental Resource Management

The Environmental Resource Management Certificate Program (ERM) is designed for:

- Individuals transitioning into the environmental field
- Mid-level experienced professionals who want to enhance and update their skills and knowledge
- Individuals who wish to achieve manager-level responsibilities in the field of environmental resource management
- Individuals who wish to broaden their environmental skills
- Individuals with experience in private organizations or public agencies dealing with natural resources or the environment..

The ERM certificate program provides training for professional development in private or public organizations. The aim is to increase familiarity and competence in understanding the dynamics of environmental resource management, the strategies and techniques of environmental planning and management, and the biological, physical, social, economic and institutional implications of resource decisions. Students also become familiar with various quantitative methods of analysis and aids to decision making. The ERM courses blend theory and practical exercises to help students develop the comprehensive set of skills and understanding the students' need to succeed. It offers a thorough background in air, water and soil processes, and environmental monitoring, biotechnology, instrumentation and experimental design.

Certified Canadian Environmental Practitioner

ERM Graduates are eligible to apply for the Canadian Certified Environmental Practitioner-in-Training designation, CEPIT, under CECAB's (The Canadian Environmental Certification Approvals Board) National Certification Program for Canadian Environmental Practitioners. The CEPIT certification is seen as a stepping stone to becoming a Canadian Certified Environmental Practitioner (CCEP). To apply for a CCEP, applicants must have a two or three year diploma or degree in addition to a minimum five years of Canadian environmental work experience.

For more information on CECAB, please go to www.cecab.org

Corporate Training: Contact us now to learn how we can help your organization meet its professional development and corporate training objectives.

Courses

subject	catalog #	section	day(s)	duration	starts	cost
CORE COURSES						
EXERM	4252	FA1	Environmental Geology	TRS	8 eve/1S	Sept 10 \$565
EXERM	4307	FA1	Introduction to Soils and Soil Resources	TS	8 eve/1S	Oct 8 \$565
EXERM	4260	FA1	Environmental Law	RFS	3 days	Nov 14 \$565
ELECTIVES						
EXERM	4274	FA1	Fundamental of GIS	TWR	3 days	Sept 17 \$565
EXERM	4265	FA1	Applied Vegetative Reclamation	RFS	3 days	Oct 3 \$565

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Courses are subject to change. Please visit our website at www.extension.ualberta.ca/erm for the most current information and to register online.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations

780.492.5532 or 780.492.3158

website: www.extension.ualberta.ca/erm
email: erm@ualberta.ca

Visual Arts

Art history & theory, a new way of life. Expert knowledge



Art expresses who we are, where we are going, where we have been, and what we might be. It compels us to engage our minds, think in new ways, and to use our most precious gift, our imagination.

Develop your imagination and creative expression with a solid grounding in the fundamentals of art through our Visual Arts courses. Offering studio instruction with professional artists, critique and practice, these courses help you build a portfolio reflective of your artistic vision and mastery.

Courses in Visual Arts can be taken towards a Visual Arts Certificate, as outlined below, or for general interest.

For a complete brochure on our courses, contact our program at 780.492.3034 or visit our website at www.extension.ualberta.ca/visualarts.

Visual Arts Certificate

Our certificate program offers three streams to choose from – drawing, painting, and watercolour. Each stream is comprised of eight core courses plus 60 hours of elective courses and workshops.

Visual Arts Certificate Program students are required to be 17 or older and hold a high school diploma or equivalent. Certificate students must complete a program application form and provide a non-refundable application fee of \$75. Call 780.492.3034 to request a form.

Information for students: The Visual Arts Certificate Program is a three-year program. Students must complete a program application form and provide a non-refundable application fee of \$75. Call 780.492.3034 to request a form.

The Visual Arts Certificate Program has a number of scholarships available for certificate students upon application and recommendation by instructors. Call or check the website for more information.

780.492.3034
website: www.extension.ualberta.ca/visualarts
email: liberalstudies@ualberta.ca

subject	catalog #	section	day(s)	duration	starts	cost
CORE COURSES						
EXART	3005	FA1	Drawing I **	M/S	12 eve/1 morn	Sept 9 \$485 *
EXART	3005	FA2	Drawing I **	T	13 aftn	Sept 10 \$485 *
EXART	3005	FA3	Drawing I**	R	13 eve	Sept 5 \$485*
EXART	3003	FA1	Visual Art & Design I	R/S	11 eve/1 day	Sept 26 \$485 *
EXART	3006	FA1	Drawing II	T	13 eve	Sept 10 \$485 *
EXART	3002	FA1	Art History	T	13 eve	Sept 10 \$485*
EXART	3010	FA1	Painting I	T	13 eve	Sept 10 \$485
EXART	3012	FA1	Painting III	W	13 eve	Sept 11 \$485 *
EXART	3019	FA1	Visual Arts Certificate Portfolio Review***			\$220*
EXART	3260	FA1	Project Course***			\$195*
ELECTIVE COURSES						
EXART	3014	FA1	Portrait Drawing *	M/S	12 eve/1 morn	Sept 9 \$530*
EXART	3516	FA1	Figure Painting in Watercolour *	S	7 morn	Sept 14 \$315*
EXART	3531	FA1	Developing A Sketchbook: Visual Thinking	W	7 eve	Oct 23 \$265*
EXART	3004	FA1	Visual Art & Design II	T	7 eve	Oct 22 \$265*
NON-CERTIFICATE COURSES						
EXART	3594	FA1	Preparing a Portfolio **	S/D	2 days	Oct 5 \$155*
EXART	3903	FA1	Handmade Book Art **	R	7 eve	Sept 12 \$265*
EXGEN	3853	FA1	Jumpstart Creativity Workshop **	S/D	2 days	Nov 2 \$155*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Note: Morning classes are held 10 am-1 pm, afternoon classes are held 1-4 pm, evening classes are held 6:30-9:30 pm, and most day classes are held 10 am-5 pm.

* Plus art supplies, materials, or textbook.
** Drawing is one of the cornerstones of art training and is recommended to students with no previous art experience.
*** Please call our program office (780.492.3034) to register. Open to Visual Arts Certificate students only.
+ Includes model fee.
+* Includes GST.

• Please visit our website for course prerequisites:
www.extension.ualberta.ca/liberalstudies/visualarts.





Residential Interiors

"The best interiors make your heart pound."
~ Interior decorator Tony Fornabaio

Are you passionate about your living space? Do you notice special details like the way light falls through a window, how a doorway frames a view, and why a certain shade or texture doesn't fit the feel of a room? Decorating a home is a form of creative expression. If you like to make your living environment reflect who you are and if you have a flair for making a house a home, you may want to consider pursuing studies in residential interiors that can lead to a certificate.

Residential Interiors Certificate*

Requirement to complete: 351 credit hours (six core and three elective courses)

This unique certificate, the first in Western Canada, offers a university-level certificate in the art and design of interior decorating. Using the principles of the related fields of visual arts, architecture, and business, the Residential Interiors Certificate Program is a comprehensive study of residential interior fundamentals and applications. Instructors effectively combine design theory and practice to ensure that students gain considerable experience and the necessary skills to successfully deal with the challenges of the ever-changing residential decorating field.

* While auditing for general interest is welcome, preference for admission will be granted to students enrolled in the Residential Interiors Certificate Program when courses are reaching maximum capacity.

Transfer of Residential Interiors Credits to Human Ecology Degree Program

Our Residential Interiors students can apply for admission to the U of A Human Ecology Degree Program. If accepted into that program, they may have core Residential Interiors credits apply toward a minor in interiors. For more information visit www.extension.ualberta.ca/ri.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

COURSE LIST

subject	catalog #	section	day(s)	duration	starts	cost
CORE COURSES						
EXRI	4676	FA1	T	13 eve	Sept 10	\$565*
EXRI	4676	FA2	T	12 morn/1 eve	Sept 10	\$565*
EXRI	4677	FA1	M	13 eve	Sept 9	\$565*
EXRI	4678	FA1	W/S	11 eve/1 day	Sept 11	\$565*
EXRI	4680	FA1	W	13 eve	Sept 11	\$565*
EXRI	4679	FA1	T	13 eve	Sept 10	\$565*
EXRI	4681	FA1	R	13 eve	Sept 12	\$565*
ELECTIVE COURSES						
EXRI	4682	FA1	W	13 eve	Sept 11	\$565*
EXRI	3510	FA1	R	13 eve	Sept 12	\$565*
EXRI	3588	FA1	T	13 eve	Sept 10	\$565*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Note: Morning classes are held 9 am-noon, day classes are held 9 am-4 pm, and evening classes are held 6:30-9:30 pm.

* Plus text and supplies.

Additional electives will be offered in our winter and spring terms.

780.492.3093

website: www.extension.ualberta.ca/ri
email: liberalstudies@ualberta.ca

Humanities

"Culture is the widening of the mind and of the spirit." ~ Jawaharlal Nehru

Explore the arts and humanities to develop both your critical and creative faculties, and to reach a greater understanding of the world around you.

COURSE LIST

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3840	FA1	W	6 eve	Sept 11	\$185*
EXGEN	3841	FA1	T	6 eve	Oct 22	\$185*
EXGEN	3830	FA1	R	6 eve	Oct 24	\$185*
EXGEN	3842	FA1	T	6 eve	Sept 10	\$185*
EXGEN	3845	FA1	S/D	2 days	Oct 5	\$165*
EXGEN	3844	FA1	R	3 eve	Oct 10	\$95*
EXGEN	3839	FA1	S/D	2 days	Nov 2	\$165*
EXGEN	3843	FA1	R	3 eve	Sept 12	\$95*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Note: Most evening classes are held 6-8:30 pm and day classes are held 9 am-4 pm.

780.492.3093

website: www.extension.ualberta.ca/humanities
email: liberalstudies@ualberta.ca

English Language Program

Discover a whole new world by studying English at the University of Alberta. Our English Language Program provides a chance to explore interesting ideas, discover another culture and develop new communications skills that will take you around the world. We offer everything from English basics to pronunciation enhancement to university level English in day and evening classes. Small class size means you get lots of opportunity to concentrate on the skills you need and practise along with students from around the world. We also support you with highly qualified instructors and a state-of-the-art Multimedia Language Learning Centre with Internet access and interactive computer software.

Our Program

Established in 1973, the English Language Program (ELP) enjoys an international reputation for providing a high standard of instruction in English to students from around the world. This standard of excellence is maintained by specialized teaching staff who employ modern teaching approaches and materials. Students use a computerized, state-of-the-art, multi-media language centre. In addition to regular offerings, the ELP will organize short-term courses designed to meet the specific needs of groups from the local or international community.

Before enrolling, prospective students must take the ELP placement test to determine their level of English competence. To be accepted into the program, students must be literate in their first language and obtain a minimum score on the placement test.

	day(s)	duration	starts	cost
Placement Test—September Session	W	1 Morn	Aug 29	\$80
Placement Test—November Session	W	1 Morn	Oct 25	\$80
Intensive Day Courses—September Session	M-F	34 Morn or Aftn	Sept 4	\$1,950*
Intensive Day Courses—November Session	M-F	34 Morn or Aftn	Oct 29	\$1,950*
English for Academic Purposes (EAP)				
–September (ESL 140 – ESL 145)	M-R	33 Morn or Aftn	Sept 3	\$1,950*
–November (ESL 140 – ESL 145)	M-R	33 Morn or Aftn	Oct 30	\$1,950*
–Preparing for Graduate Studies: ESL 550	MWF	33 Morn	Sept 4	\$1,975*
Preparation for IELTS™	M-F	30 Aftn	Sept 4	\$1,950*
Preparation for IELTS™	M-F	30 Aftn	Oct 29	\$1,950*

LEGEND	M–Monday	T–Tuesday	W–Wednesday	R–Thursday	F–Friday	S–Saturday	D–Sunday
Note*: Each Intensive Day Course session lasts 7 weeks. Cost includes tuition, mandatory health insurance, health services and student services fees. ESL 140 through 145 are English for Academic Purposes (EAP) courses. These courses are meant especially for students who wish to enter academic degree programs at an English-speaking university or college.							

Intensive Day Program

In the IDP, students learn the communication skills needed to function, efficiently and effectively in professional and social settings. The four skills – listening, speaking, reading, and writing – are balanced through our language instruction in a friendly and positive English-speaking environment. New students write a placement test prior to registration, then build their confidence in using English through constant feedback and encouragement from our instructors. In our classes, audio-visual materials and interactive language software are used extensively in addition to textbooks.

	day(s)	duration	starts	cost
INTENSIVE DAY PROGRAM (LEVELS 1-7)				
ESL 105, 110, 115, 120, 125, 130, 135)				
September Session	M-F	Morn or Aftn	Sept 4	\$1,950*
November Session	M-F	Morn or Aftn	Oct 29	\$1,950*
Preparation for IELTS™	M-F	30 Aftn	Sept 4	\$1,950*
Preparation for IELTS™	M-F	30 Aftn	Oct 29	\$1,950*

LEGEND	M–Monday	T–Tuesday	W–Wednesday	R–Thursday	F–Friday	S–Saturday	D–Sunday
Note*: Each Intensive Day Course session lasts 7 weeks. Cost includes tuition, mandatory health insurance, health services and student services fees. ESL 140 through 145 are English for Academic Purposes (EAP) courses. These courses are meant especially for students who wish to enter academic degree programs at an English-speaking university or college.							

English for Academic Purposes

ESL 140 and ESL 145 are a two-part series of English for Academic Purposes (EAP) courses that help advanced ESL students improve their academic listening, speaking, reading, and writing skills. Students who successfully complete these courses will be able to synthesize information from a variety of academic sources, analyze materials, and present their ideas in accordance with first-year university standards. ESL 140 and ESL 145 are one option that students may take to meet the English Language Proficiency requirement for undergraduate admission of the University of Alberta.

	day(s)	duration	starts	cost
ENGLISH FOR ACADEMIC PURPOSES (EAP)				
(ESL 140-ESL 145)				
September Session	M-R	Morn or Aftn	Sept 3	\$1,950*
November Session	M-R	Morn or Aftn	Oct 30	\$1,950*
PREPARING FOR GRADUATE STUDIES				
(ESL 550)	MWF	Morn	Sept 4	\$1,975*

LEGEND	M–Monday	T–Tuesday	W–Wednesday	R–Thursday	F–Friday	S–Saturday	D–Sunday
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subject	catalog #	section	day(s)	duration	starts	cost
EXELP	7120	FA1	English for Everyday Situations*	MW	13 eve	Sept 9 \$300
EXELP	7120	FA2	English for Everyday Situations*	MW	13 eve	Oct 30 \$300
EXELP	7121	FA1	Conversations in English*	MW	13 eve	Sept 9 \$300
EXELP	7121	FA2	Conversations in English*	MW	13 eve	Oct 30 \$300
EXELP	7122	FA1	English for Academic Environments*	MW	13 eve	Sept 9 \$300
EXELP	7122	FA2	English for Academic Environments*	MW	13 eve	Oct 30 \$300
EXELP	7123	FA1	Presentations for Academics & Professionals*	MW	13 eve	Sept 9 \$300
EXELP	7123	FA2	Presentations for Academics & Professionals*	MW	13 eve	Oct 30 \$300
EXELP	7124	FA1	Pronunciation: From Sounds to Phrases*	TR	13 eve	Sept 10 \$300
EXELP	7124	FA2	Pronunciation: From Sounds to Phrases*	TR	13 eve	Oct 31 \$300
EXELP	7125	FA1	Pronunciation: Phrases and Beyond*	TR	13 eve	Sept 10 \$300
EXELP	7125	FA2	Pronunciation: Phrases and Beyond*	TR	13 eve	Oct 31 \$300
EXELP	7126	FA1	Writing Basics	TR	13 eve	Sept 10 \$300
EXELP	7126	FA2	Writing Basics	TR	13 eve	Oct 31 \$300
EXELP	7127	FA1	Writing Beyond the Basics	TR	13 eve	Sept 10 \$300
EXELP	7127	FA2	Writing Beyond the Basics	TR	13 eve	Oct 31 \$300
EXELP	7075	FA1	Writing for Academic Purposes	TR	13 eve	Sept 10 \$300
EXELP	7075	FA2	Writing for Academic Purposes	TR	13 eve	Oct 31 \$300

LEGEND	M–Monday	T–Tuesday	W–Wednesday	R–Thursday	F–Friday	S–Saturday	D–Sunday
* Admission requirement: Before enrolling, contact the ELP Office at 492-5530 or 492-3036 to make an appointment for a required oral /speech test at a fee of \$10.							

780.492.5530 or 780.492.3036

website: www.elp.ualberta.ca
email: elpinfo@ualberta.ca





Languages

“Knowledge of languages is the doorway to wisdom.”
~ Roger Bacon

Access an expanding global market, visit foreign countries, and connect with more people — all through developing skills in a second language.

Learning a language is more than making unusual sounds and getting to know a new alphabet. It’s about communicating and understanding. It is a cultural experience. As you develop your vocabulary and perfect your pronunciation of a new language, you will find delight in the cadence, idioms, and forms of expression. Through the words and sentences that you learn, you will gain insight into how others around the globe view their world. Whether your career would benefit from a new language, you are fascinated by other countries and cultures, or you have a yen for travel, our language classes open up a world of possibilities.

780.492.3034
website: www.extension.ualberta.ca/languages
email: liberalstudies@ualberta.ca

Spanish Language Certificate

Planning to travel in a Spanish-speaking country? Doing business in Latin America? Or are you simply interested in learning about a new culture and language? The courses in our Spanish Language Certificate offer the opportunity to learn the language in intimate classes formatted in short modules that let you begin at whatever level suits your skills.

Our Spanish courses can be taken for certificate credit or purely for your own interest.

Please visit our [website](http://www.extension.ualberta.ca/languages) for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times, and locations.

780.492.3034
website: www.extension.ualberta.ca/languages
email: liberalstudies@ualberta.ca

NEW! Arabic

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3494	FA1 Arabic I	M	12 eve	Sept 9	\$365*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Chinese (Mandarin)

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3155	FA1 Chinese (Mandarin) I	M	12 eve	Sept 9	\$365*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3114	FA1 French I	M	12 eve	Sept 9	\$365
EXGEN	3114	FA2 French I	W	12 eve	Sept 18	\$365
EXGEN	3109	FA1 French II	W	12 eve	Sept 11	\$365
EXGEN	3139	FA1 French III	W	12 eve	Sept 11	\$365
EXGEN	3258	FA1 French V	R	12 eve	Sept 19	\$365

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3397	FA1 German I	T	12 eve	Sept 10	\$365*
EXGEN	3398	FA1 German II	W	12 eve	Sept 18	\$365*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3116	FA1 Italian I	W	12 eve	Sept 11	\$365*
EXGEN	3196	FA1 Italian III	M	12 eve	Sept 9	\$365*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Japanese

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3138	FA1 Japanese I	M	12 eve	Sept 9	\$365*
EXGEN	3414	FA1 Japanese III	R	12 eve	Sept 19	\$365*
EXGEN	3738	FA1 NEW! Preparation for the Japanese Language Proficiency Test (JLPT)	S	10 aftrn	Sept 7	\$365*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

NEW! Portuguese

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3464	FA1 Portuguese I	M	12 eve	Sept 9	\$365*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

subject	catalog #	section	day(s)	duration	starts	cost
EXSLC	3119	FA1 Spanish Module 1	W	7 eve	Sept 4	\$295
EXSLC	3119	FA2 Spanish Module 1	R	7 eve	Sept 5	\$295
EXSLC	3119	FA3 Spanish Module 1	T	7 eve	Oct 15	\$295
EXSLC	3125	FA1 Spanish Module 2	W	7 eve	Sept 4	\$295
EXSLC	3125	FA2 Spanish Module 2	W	7 eve	Oct 23	\$295
EXSLC	3377	FA1 Spanish Module 3	M	12 eve	Sept 9	\$365
EXSLC	3132	FA1 Spanish Module 4	T	12 eve	Sept 17	\$365

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

Advanced Conversational Spanish: Perspectivas

EXGEN 3741 FA1

10 Thu., Sept. 19 to Nov. 21, 6:30– 8:30 pm

Cost: \$295 + GST

This course is designed to meet the needs of advanced Spanish learners. You will have the opportunity to review and progress in speaking Spanish. Most classes will provide an opportunity for communicative expression as you work through authentic language materials taken from a variety of Spanish-language newspapers, periodicals, movies, and advertisements.

Prerequisite: Completion of the Spanish Language Certificate or an equivalent advanced knowledge of Spanish.

Writing and Editing

"For me, writing is exploration; and most of the time, I'm surprised where the journey takes me." ~ Jack Dann

Improved writing abilities can help you get ahead, either in your career, studies, or personal pursuits. Wherever life takes you, clear communication is essential.

Explore the clear expression of ideas, create interesting characters that amuse, write meaningful poetry, or move from pen to print or the internet. Guided by professional writers, many of whom have won prestigious awards, our writing courses will help you transform your thoughts into effective and inspired writing.

780.492.3093

website: www.extension.ualberta.ca/writing
email: liberalstudies@ualberta.ca

New Writing Program
A Citation in Social Media Communications

www.extension.ualberta.ca/smcomm

See page 4 for details.

Academic, Professional, and Personal Development courses in:

Writing Skills

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3797	FA1	W	8 eve	Oct 9	\$325*
EXGEN	3112	FA1	T	8 eve	Oct 8	\$325*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Editing

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3133	FA1	S	2 days	Sept 28	\$225*
EXGEN	3147	FA1	T	7 eve	Oct 15	\$315*
EXGEN	3748	FA1	R/F	1 afn/1 day	Nov 14	\$225*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Professional and Personal Development

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3793	FA1	MT	2 days	Nov 4	\$395*
EXGEN	3405	FA1	T	4 eve	Sept 24	\$325*
EXGEN	3124	FA1	R	7 eve	Oct 10	\$325*
EXGEN	3750	FA1		8 wks	Oct 7	\$325*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Academic Skills

subject	catalog #	section	day(s)	duration	starts	cost
EXGEN	3771	FA1		8 wks	Oct 7	\$325*
EXGEN	3181	FA1	F/S	3 eve/3 days	Sept 27	\$325*
EXGEN	3113	FA1	R	8 eve	Oct 10	\$325*
EXGEN	3780	FA1	RF/S	2 eve/1 days	Nov 21	\$265*
EXGEN	3739	FA1	S	1 day	Nov 16	\$185*
EXGEN	3407	FA1		8 wks	Oct 15	\$325*

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Plus GST

Online Delivery Courses

subject	catalog #	section	duration	starts	cost
EXGEN	3407	FA1	8 wks	Oct 15	\$325*
EXGEN	3771	FA1	8 wks	Oct 7	\$325*
EXGEN	3750	FA1	8 wks	Oct 7	\$325*

* Plus GST

** Online delivery courses are offered through eClass (powered by Moodle), the University of Alberta's eLearning management system. To participate fully, you will need reliable internet access (high speed preferable), a recent Mac or PC computer, and the ability to install your own software. For more information on computer setup requirements, visit www.extension.ualberta.ca/elearning

Women's Writing

	duration	starts
21 st Annual Women's Words: Summer Writing Week - www.womenswords.ca	1 wk	May 30-June 8, 2014

Online Graduate Course Winter 2014

New Media in Writing, Editing, and Publishing (COMM 597)

An open studies and elective course offered by the Communications and Technology Graduate Program, Faculty of Extension, U of A in cooperation with the Liberal Studies' Writing and Editing Program

www.mact.ca

Communications and Technology

"In this electric age we see ourselves being translated more and more into the form of information, moving toward the technological extension of consciousness," wrote Marshall McLuhan in 1964, in an insightful comment that has taken on new meaning in the age of the Internet. We can ask the same questions about the art and symbols of the ice age that we do about the electronic networks of today's organizations. How does a medium of communication come into being? What influences do new communications technologies have on people's everyday lives? And how do individuals and groups act to change communications practices?

The Communications and Technology Graduate Program at the University of Alberta offers a theoretical, historical and practical examination of the technology-enabled, knowledge-intensive workplace. The Master of Arts in Communications and Technology (MACT) degree is designed for students who seek to provide reflective and informed leadership in the management and use of information and communications technologies (ICTs) in their organizations and fields. These fields include education and training, information technology, public affairs, mass media, marketing, new media production, program design and development, and writing and publishing.

Students from outside of the Alberta capital region, including international students, may register in the program without changing their place of residence. The MACT is a course-based graduate program that requires the completion of 7 core courses, 3 electives, and a final applied research project. Four of the core courses must be completed during the two Spring Institutes held at the University of Alberta each May, with the remaining 3 core courses to be completed online. The core courses are scheduled to permit completion of the degree within two academic years. Students may complete approved electives offered by the University of Alberta or at another recognized university.

Admission requirements are as follows: a four-year degree from a recognized university; a GPA of at least 3.0 (or equivalent); at least three years of relevant professional experience; three application-specific letters of support; and a letter of interest that specifies the applicant's academic or professional area of interest, states how admission to the program would support the applicant's professional practice, and provisionally describes the topic for the final applied research project. Up to 25 students are admitted each year to begin their studies in May.

THE APPLICATION DEADLINE FOR ADMISSION TO BEGIN STUDIES IN MAY 2014 IS DECEMBER 1, 2013.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.1538

website: www.mact.ca
email: mact@ualberta.ca

Adult and Continuing Education

The Certificate in Adult & Continuing Education (CACE) Program shows you how to develop, coordinate and facilitate adult training programs using effective adult education strategies. Improve your career options while learning from respected instructors and colleagues and having the opportunity to network with other professionals in the field.

Certificate in Adult & Continuing Education (CACE)

The nationally recognized CACE program is designed to assist you develop techniques to help others learn. Learn how to integrate adult learning theory, concepts, and practices to become a more effective adult educator. You will develop skills in planning, managing, teaching and evaluating courses and programs for adult learners. Instructors, trainers, course developers, coordinators, and managers alike, benefit from the applied nature and flexibility the program offers. The program is jointly developed and delivered by a consortium involving the University of Victoria, University of Saskatchewan, University of Manitoba and the University of Alberta. We invite you to discover the lifelong benefits of continuing your professional development through the CACE program.

Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

780.492.7237

website: www.extension.ualberta.ca/cace
email: adulted@ualberta.ca

Future Courses							
subject	catalog #	section		day(s)	duration	starts	cost
EXMGT	5603	FA1	Managing Performance through Training and Development	S	7 days	Sept 7	\$575
EXCACE	5704	FA1	Leadership and Management of Adult Education	M	13 eve	Sept 9	\$575
EXCACE	5711	FA1	Adult Learning and Development*	T	13 eve	Sept 10	\$575
EXCACE	5801	FA1	Adult Education Principles and Practice	T	13 eve	Sept 10	\$575
EXMGT	5678	FA1	Directing and Managing Organizational Change	T	13 eve	Sept 10	\$575
EXCACE	5883	FA1	Planning and Delivery of Adult Education	D/W	5 wks	Sept 15	\$575
EXCACE	5995	FA1	e-Learning Toolkit	On-line	4 wks	Sept 16	\$410
EXCACE	5927	FA1	Train The Trainer	WRF/RF	5 days	Sept 25	\$630
EXCACE	7135	FA1	Tools and Technologies for e-Learning	Online	10 wks	Oct 21	\$575
EXCACE	5962	FA1	Action Learning: The Practice of Learning in Real Time	MTW	3 days	Oct 15	\$530
EXCACE	5987	FA1	Reflexive Practice	MTW	3 days	Nov 18	\$530

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday

* Location: NAIT

* Courses are subject to change.



Government Studies

National Advanced Certificate in Local Authority Administration (NACLAA)
Information Access and Protection of Privacy (IAPP)
Applied Land Use Planning (ALUP)



Promoting good government through public policy and public administration continuing education.

National Advanced Certificate in Local Authority Administration (NACLAA Level I) [Local Government Certificate Program (LGCP)] and National Advanced Certificate in Local Authority Administration (NACLAA Level II)

The NACLAA Program successfully integrates theory and practice to foster understanding of local government administration. This two level program is designed to meet the needs of a diverse student body, to respond to the unique conditions found in provinces across Canada and to develop an appreciation of the important role that local government plays in a democratic society.

The courses are delivered entirely online and taught by academics and practicing professionals that are experts in their field. The flexible online environment allows students to study at their own pace, without being disadvantaged by time or location. Throughout the term, students are encouraged to discuss a variety of issues related to local government and network with their fellow classmates and instructors across Canada. They also have the opportunity to share experiences and ideas with their classmates and build on them to enrich their own learning.

Information Access and Protection of Privacy (IAPP) Certificate Program

The IAPP Certificate Program courses focus on fundamental theories related to the ideas, structures, and processes that define appropriate administration of access and privacy legislation at a municipal, provincial, and federal level in Canada. The program aims to develop and enhance managerial leadership capabilities in the access and privacy field, improve administration of the legislation, and promote enlightened democratic government. Courses are delivered online and there is extensive use of discussion and debate. For delivery of courses in French - please contact the program for further information.

Applied Land Use Planning (ALUP) Certificate Program

The ALUP Certificate Program seeks to demonstrate that collaboration, interdependence and teamwork are the essence of effective planning. Our students are involved in various professional roles within municipal government, from development officers, planning technicians and assistants to managers and administrators in smaller municipalities. As such our program is designed to match the complexity of a variety of municipal government planning needs; effective planning necessitates the cooperation of various agents at all levels of the community.

Programs

subject	catalog #	section	duration	starts	cost
NACLAA - LEVEL I					
EXLGP	8200	FA1 Local Government**	Online 13 wks	Sept 9	\$709
EXLGP	8202	FA1 Municipal Law I	Online 13 wks	Sept 9	\$709
EXLGP	8206	FA1 Local Government Accounting	Online 13 wks	Sept 9	\$709
EXLUP	8215	FA1 Municipal Planning I (currently for LGP students only)**	Online 13 wks	Sept 9	\$709
EXIAPP	8171	FA1 Information Access and Protection of Privacy (IAPP) Foundations			\$833
NACLAA - LEVEL II					
EXLGP	8205	FA1 Organizational Design and Management**	Online 13 wks	Sept 9	\$709
EXLGP	8209	FA1 Citizen Engagement and Consultation	Online 13 wks	Sept 9	\$709

**Textbook required (not included in course fee)

780.492.5052 or 780.492.2870
email: lgpnacila@ualberta.ca

Programs

subject	catalog #	section	duration	starts	cost
EXIAPP	8171	FA1 Information Access and Protection of Privacy Foundations	Online 13 wks	Sept 9	\$833
EXIAPP	8173	FA1 Privacy in a Liberal Democracy	Online 13 wks	Sept 9	\$833
EXIAPP	8174	FA1 Privacy Applications: Issues and Practices	Online 13 wks	Sept 9	\$833
EXIAPP	8177	FA1 Health Information Access and Privacy	Online 13 wks	Sept 9	\$833

780.492.5052 or 780.492.2862
email: iappuofa@ualberta.ca

Programs

subject	catalog #	section	day(s)	duration	starts	cost
EXLUP	8215	FA1 Municipal Planning I**	Online	13 wks	Sept 9	\$709
EXLUP	4103	FA1 F2F Land Use and Subdivision Design	W/R/F	3 days	Oct 16	\$611
EXLUP	4107	FA1 F2F Introduction to Municipal Economic Development	M/T	2 days	Sept 9	\$457
EXLUP	4109	FA1 F2F Contemporary Planning Issues: Climate Change Adaptation	M/T	2 days	Nov 4	\$457
EXLGP	8200	FA1 Local Government**	Online	13 wks	Sept 9	\$709
EXLGP	8209	FA1 Citizen Engagement and Consultation	Online	13 weeks	Sept 9	\$709

LEGEND M-Monday T-Tuesday W-Wednesday R-Thursday F-Friday S-Saturday D-Sunday
F2F - Face-to-Face

EXERM Electives - Contact ERM Program Office

** Textbook required (not included in course fee)

780.492.6914 or 780.492.5052
email: alup@ualberta.ca



Please visit our website for the most current information and specific program details and requirements. Questions? Information Sessions will be held in June and August 2013; see page 15 for a complete list of dates, times and locations.

toll free: 1.877.686.4625
fax: 780.492.0627
website: <http://www.extension.ualberta.ca/govstudies>
email: govstudy@ualberta.ca

Community Engagement Studies

Successfully engaging with stakeholders, members of communities, or special interest groups is becoming an integral part of many jobs. Activities such as: managing change; planning, developing, delivering, and evaluating community engagement processes; facilitating stakeholder engagement; or developing effective communication strategies within a cross-cultural environment may have been recent additions to your list of work responsibilities. How do you gain an understanding of community engagement? How do you apply the principles and practices of communication in managing your projects? How do you keep the projects that you manage on track without a working knowledge of the practice of community engagement? The Faculty of Extension is developing a suite of learning opportunities in this growing field that may further develop your knowledge and skills.

The **Citation in Community Engagement** is a non-credit program comprised of one 39-hour course (EXCES 1501) and 70 hours of electives. Participants will explore principles and approaches to community engagement, enhance their awareness of diversity within and across communities, and develop essential skills for entering into professional relationships. Participants will pursue their specific interests through a range of electives available through this and other programs within the Faculty of Extension. For more information on the Citation courses and electives, [contact ces@ualberta.ca](mailto:ces@ualberta.ca)

In the **Community-Based Research and Evaluation (CBRE) Workshop Series** participants are introduced to a collaborative approach to creating, sharing, and applying knowledge. The diverse student body provides a rich setting for networking with others interested in influencing policy, practice, evaluation, and research. Topics covered in the 6 workshops include: an introduction to CBRE, ethical and rigorous practice of CBRE, building partnerships, developing projects, day-to-day realities, and making a difference with CBRE. For more information on the CBRE Workshop Series, [contact ces@ualberta.ca](mailto:ces@ualberta.ca)

The **graduate Community-Based Research and Evaluation (CBRE) Certificate Program** is designed for students who are currently enrolled in a graduate program at the University of Alberta and would like to graduate with skills for participating in or leading community based research and evaluation initiatives. CBRE is an approach to research and evaluation in which partners from the community, university, and/or government collaborate for mutually beneficial outcomes. Students will develop an understanding of CBRE concepts, program planning and evaluation, and a variety of quantitative, qualitative, and/or mixed methods, and gain experience with CBRE. For more information on the CBRE Certificate Program, [contact: ces@ualberta.ca](mailto:ces@ualberta.ca)

780.492.8444
website: www.extension.ualberta.ca/ces
email: mwynne@ualberta.ca

Citation in Community Engagement					
subject	catalog #	day(s)	duration	starts	cost
EXCES	1501	Community Engagement: Contexts and Processes	W 5:00 – 8:00	13 wks Jan 2014	\$575

ELECTIVES					
CBRE Workshop Series		When a student completes all six of the CBRE Workshop Series (see below), 39 hours of electives will be transferred to the Citation in Community Engagement	39 hrs	See dates Below	
EXCACE	5883	Planning and Delivery of Adult Education	D 9:00 – 4:00 W 5:30 – 8:30	39 hrs	Sept 15 2013 \$575
EXLGP	8209	Citizen Engagement and Consultation	online	39 hrs	Sept 9 2013 \$709
EXLGP	8211	Policy Planning and Program Evaluation	online	39 hrs	Apr 22 2014 \$709
EXLUP	8219	Urban Environments	M/T/W	21 hrs	May 5-7 2014 \$611
EXMGT	5616	Project Planning and Management	R	39 hrs	Jan 16 2014 \$575
*INTD	500	Community Based Research and Evaluation	W	39 hrs	Sept 4 2013

LEGEND M–Monday T–Tuesday W–Wednesday R–Thursday F–Friday S–Saturday D–Sunday
Note: INT D 500 is for students currently enrolled in a graduate program at the U of A. For more information email: ces@ualberta.ca

Advanced credit may also be granted for other courses offered by the Faculty of Extension (or other faculties in the University as appropriate and contingent on approval from the Program Academic Advisor).

Community-Based Research and Evaluation (CBRE) Workshop Series					
subject	catalog #	duration	starts	cost	
EXCES	1511	An Introduction to CBRE	1 day	Sept 27	\$95
EXCES	1512	Doing CBRE well: Ethically & with Rigour	1 day	Oct 25	\$95
EXCES	1513	Building CBRE Partnerships	1 day	Nov 22	\$95
EXCES	1514	Developing CBR Projects: The How	1 day	Jan 24	\$95
EXCES	1515	Program Evaluation with a Community-based Approach	1 day	Feb 21	\$95
EXCES	1516	Making a Difference with CBRE: Mobilizing Knowledge to Inform Policy and Practice	1 day	Mar 21	\$95

LEGEND M–Monday T–Tuesday W–Wednesday R–Thursday F–Friday S–Saturday D–Sunday

Community-Based Research and Evaluation (CBRE) Certificate Program					
subject	catalog #	duration	starts	cost	
INTD	500	An Introduction to CBRE	39 hrs	Sept 4	
Students will consult with the CBRE Advisor and their graduate supervisor to determine which courses fulfil these requirements.		one (*3) graduate-level course in program planning and evaluation			
		one (*3) graduate-level course in quantitative research methods			
		one (*3) graduate-level course in qualitative research methods			

LEGEND M–Monday T–Tuesday W–Wednesday R–Thursday F–Friday S–Saturday D–Sunday
Note: A graduate course in mixed methods (qualitative and quantitative) may be substituted for either the quantitative or qualitative methods course requirement.

INFORMATION SESSIONS:

Engaging Minds Uplifting Lives

Not sure what class you would like to take this fall, or perhaps you are a returning student with questions, questions, and more questions?

Extension offers adult learners a wealth of part-time continuing studies, professional development and lifelong learning opportunities.

Find out from program instructors, faculty staff and fellow students what part-time study at Extension can do for you by attending our Information Sessions.

Lunch hour sessions will be held from Monday, June 17 to Thursday, June 20 at noon. If you prefer to come in the evening, check our website for the Tuesday, August 27 sessions schedule to be held from 6 to 9 pm.

Information Sessions – June 17–20, 2013: Noon – 1 pm

Monday, June 17:
Occupational Health and Safety 2-922
Government Studies 2-957
Purchasing Management 2-958

Tuesday, June 18:
Spanish 2-976
Residential Interiors 2-922
Environmental Resource Management 2-970
Community Engagement Studies 2-958

Wednesday, June 19:
Management Programs 2-957
Adult & Continuing Education (CACE) 2-970
Business Analysis Professional Citation 2-958

Thursday, June 20:
Communications & Technology (MACT) 2-957
Visual Arts 2-958
Construction Administration 2-970

Information Sessions – Tuesday, August 27, 2013

6:00–7:00 pm
Adult & Continuing Education (CACE) 2-970
Construction Administration 2-938
MA Communications & Technology 2-957
Management Programs 2-926
Occupational Health and Safety 2-922
Spanish Language 2-976
Visual Arts 2-958

7:30–8:30 pm
Business Analysis Professional Citation 2-926
Environmental Resource Management 2-938
Government Studies 2-957
Community Engagement Studies 2-958
Residential Interiors 2-922

780.492.1218
www.extension.ualberta.ca/infosessions
All sessions are held on the second floor, Enterprise Square, 10230 Jasper Avenue, Edmonton

Hours of Operation

Office Hours

Spring 2013 (To May 30):
Monday to Friday, 8:00 am to 7:00 pm (MST)

Summer 2013 (June 1 to August 31):
Monday to Friday, 8:00 am to 4:00 pm (MST)

In Spring and Summer 2013,
the Registration Office will be closed:
Victoria Day – Monday, May 20
Canada Day – Monday, July 1
Heritage Day – Monday, August 5
Labour Day – Monday, September 2

Fall 2013/Winter 2014 (September 3,
2013 to April 30, 2014):
Monday to Thursday, 8:30 am to 8:00 pm (MST)
Friday, 8:30 am to 4:30 pm (MST)
Saturday, 8:30 am to noon (MST)

In Fall 2013 and Winter 2014,
the Registration Office will be closed:
Thanksgiving Day – Monday, October 14
Thanksgiving Day (in-lieu) – Saturday, October 12
Remembrance Day – Monday, November 11
Christmas Day – Wednesday, December 25
Boxing Day – Thursday, December 26
Winter Closure – Friday, December 27
Winter Closure – Saturday, December 28
Winter Closure – Monday, December 30
Winter Closure – Tuesday, December 31
New Year's Day – Wednesday, January 1

Registrations will be accepted during office hours;
however, payments will be processed during cash
office hours.

Cash Office Hours

Spring 2013 (To April 30):
Monday to Friday, 8:00 am to 3:30 pm (MST)

Spring/Summer 2013 (May 1 to August 31):
Monday to Friday, 8:00 am to 3:00 pm (MST)

Fall 2013/Winter 2014 (To April 30):
Monday to Friday, 8:00 am to 3:30 pm (MST)

For your convenience, you may register using your
VISA, MasterCard, American Express, personal or
company cheque, a money order or bank draft,
Interac, or cash.

When payment is by a corporate pay type (invoice or
cheque), and the corporation is a GST Exempt Entity,
a letter confirming the GST number must accompany
the registration.

Course Registration
Information

5 Easy Ways to Register for a Course

Submit a completed Course Registration form indicating your course selection.
You can register by phone using VISA, MasterCard or AMEX during the office hours listed.
Call us at 780.492.3109 or 780.492.3116.

Online:
Visit our website at www.extension.ualberta.ca
or login to Beartracks at: www.beartracks.ualberta.ca

By Phone or Fax:
Phone: 780.492.3116
Fax: 780.492.0627

By Mail or in Person:
By Mail: Registration Office, Faculty of Extension,
Enterprise Square, 10230 Jasper Avenue NW,
Edmonton, Alberta, T5J 4P6

After you have Registered

Confirmation Notice
Confirmation notices can be accessed via Bear Tracks.
When in Bear Tracks go to Financials > Fee Assessment,
select the term and the course to download your course
registration information. Bear Tracks can be accessed at
www.extension.ualberta.ca/beartracks. If you haven't
received confirmation notice within two weeks of
registering, please call 780.492.3116.

Education Credit/Tuition
Tax Receipt (form T2202A)
Education and tuition tax credit receipts (form T2202A)
are generated for students registered in courses that
provide credit towards a citation, certificate, diploma
or degree. For further information on the Income Tax Act
and the tuition and education tax credit interpretation
sections, please refer to our website on the topic:
www.extension.ualberta.ca/taxcredit

Withdrawals and Refunds
If you choose to withdraw from a course, log into Bear
Tracks and use the 'Drop' page to withdraw from class
or send your withdraw request in writing to the Faculty

In Person: Drop your registration form and fee payment
off at our Registration Office, located on the main floor
at Enterprise Square, 10230 Jasper Avenue.

Payment Options:
• Visa, MasterCard or AMEX
• Cheque, Bank Draft or Money Order: made payable
to the University of Alberta. (Please remit separate
payment for each course)
• Interac: if registering in person, during
cash office hours
• Invoice: Please contact the Registration Office
at 780.492.3116 or visit our website at
www.extension.ualberta.ca/register.

of Extension Registration Office. An administrative
fee will be withheld for all withdrawals.

Please review the withdraw policy online at:
www.extension.ualberta.ca/register/policies

Contact the Registration Office at 780.492.3116 if you
have any questions regarding the withdraw policy.

Transfer Policy
Should you wish to transfer from one Extension course
or class section to another, please let us know 5 days
before the course start date or, in the case of thirteen week
classes, before the 3rd class. A \$50 transfer fee will apply.

Course Cancellations
When course enrollments are not sufficient, Extension
may cancel the course. In such a case, we will contact
you as soon as possible before the course start date
and refund in full any fees paid.



UNIVERSITY OF ALBERTA
FACULTY OF EXTENSION

COURSE REGISTRATION
Ph: 780.492.3116 Fax: 780.492.0627
extnregistration@ualberta.ca

STUDENT ID

LEGAL FIRST NAME		LEGAL MIDDLE NAME		LEGAL LAST NAME		FORMER LAST NAME (if Applicable)									
DATE OF BIRTH (mm-dd-yyyy)		<input type="checkbox"/> Male <input type="checkbox"/> Female		TELEPHONE <input type="checkbox"/> Home <input type="checkbox"/> Cell <input type="checkbox"/> Work		EMAIL ADDRESS*									
CORRESPONDENCE ADDRESS (Mailing Address)				CITY/TOWN		PROVINCE/STATE		POSTAL/ZIP CODE		COUNTRY					
NEW TO THE UNIVERSITY OF ALBERTA? Please complete this section															
PLACE OF BIRTH (Country)				ABORIGINAL APPLICANTS (Optional): If you choose to declare that you are of Canadian Aboriginal ancestry within the meaning of the Canadian Constitution Act of 1982, please specify: <input type="checkbox"/> I am Status Indian/First Nations <input type="checkbox"/> I am Métis <input type="checkbox"/> I am Non-Status Indian/First Nations <input type="checkbox"/> I am Inuit											
CLASS NUMBER (optional)		SUBJECT CODE		CATALOG NUMBER		SECTION		COURSE TITLE		FEE		GST**		TOTAL	

CHECK PAYMENT METHOD:

☐ CASH ☐ MONEY ORDER*** ☐ CHEQUE*** ☐ DEBIT ☐ HRDF ☐ INDEBT

☐ INVOICE - If employer is to be invoiced, please include a Letter of Authorization (LOA) on company
letterhead, or an authorized Purchase Order (PO) signed by signing authority (not student).

☐ CREDIT CARD: ☐ Attach CC Receipt ☐ Fax CC Receipt:

Credit Card Number															Expiry (mm-yy)	
Name on Card:																

SIGNATURE: _____ DATE: _____

*Your personal e-mail address will be used to communicate to you until you are assigned a University of
Alberta e-mail account. Subsequent communications will be sent to your U of A e-mail address.
It is your responsibility to check your U of A e-mail frequently.

**Many of our courses are exempt from GST. Please include GST only if it is indicated in the fee for that course.
***GST EXEMPT ENTITIES: When payment is by a corporate pay type (invoice or cheque), and the corporation is
a GST Exempt Entity, a letter confirming the GST Exemption number must accompany the registration

***Make cheques or money orders payable to the University of Alberta

FOR OFFICE USE ONLY:	RECEIPT #:

The personal information requested on this form is collected under the authority of Section 33 (c) of the Alberta Freedom of Information and Protection of Privacy Act for the purpose of registering students, contacting students and tracking enrolment statistics.
Questions concerning the collection, use or disposal of this information should be directed to: FOIPP Officer, Faculty of Extension, Enterprise Square, University of Alberta, Edmonton, AB T5J 4P6. Phone 780.492.5047.

www.extension.ualberta.ca/register

UNIVERSITY OF ALBERTA
FACULTY OF EXTENSION

Faculty of Extension
Enterprise Square
10230 Jasper Avenue NW
Edmonton, Alberta T5J 4P6



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news and information
from the world of
campus computing

visit us online at:
www.ualberta.ca/aict/newsletter



Web Survey Service

Dan Precht
Test Scoring & Questionnaire Services (TSQS)

Administering surveys and questionnaires via the web has become a popular activity in the 21st century: particularly in situations where face-to-face contact is not feasible, but also for organizations that have limited flexibility with paper-and-pencil options.

Over the past five years, TSQS has explored the use of several systems to support online surveys and has experienced varying degrees of success in their use. Recently, we acquired the Remark Web Survey system, which addresses a number of concerns and problems that we have had with other products:

- In compliance with University policy, the system and all associated data are stored on campus at TSQS.
- A significant amount of customizing is efficiently accommodated, with the ability to copy-and-paste both text and graphics and to alter question and response formats as we go.
- Check-box questions allow acceptance of multiple responses to a single question (up to *n*, or check all that apply), with convenient organization of responses in the response-data file.
- Multi-page surveys may be constructed with options to branch on the basis of responses to particular questions, and to interrupt the survey for completion at a later time.
- Surveys may be administered to groups that are not registered in WebCT Vista or Blackboard courses.
- The disassociation of the survey (administered by TSQS) from other online activities should increase the comfort level of respondents concerning the anonymity of their responses.
- Surveys are administered by e-mailing selected participants an invitation to visit a specific URL in order to respond to the survey. An automated process is available

(continued on reverse)



My Favorite New Features in MS Office 2007

Simon Collier, *Managed Services (Support)*

Microsoft Office 2007 is here, and there are two points that I keep hearing.

The first is that Office 2007 looks far different than previous versions of Office, and that it's very difficult to find features that you used all the time in older versions. The second point is that once you have worked through the pain of learning Office 2007's new ribbon bar menu (i.e., unlearning Office 2003's menus), you're very unlikely to ever want to go back to the older version.

Now that Office 2007 is available for faculty and staff from AICT's Product Sales Desk in 302 General Services Building, I thought it would be a great time to outline my favorite five features.

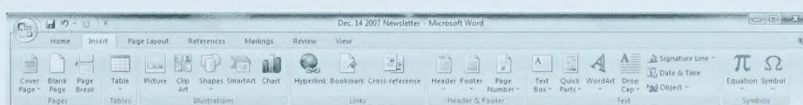
1. *RSS Feeds in Outlook 2007*: If you don't think you need an RSS Feed Reader, it's probably because you haven't used one before. It's similar to being e-mailed updates: your news comes into your Outlook mailbox from your chosen sites. For

example, visit www.ualberta.ca, click on 'Multimedia and RSS Feeds' and follow the instructions. It's a great way to automatically stay up-to-date with University of Alberta news.

2. *Ribbon Bar Menu*: Learning the new menu system in Office 2007 is one of the most frustrating parts of switching over. Once you let yourself forget where you think things should be, and just guess your way around the new (and intuitive) menu system, it's really quite easy. After a short while, you won't know how you lived without the new ribbon bar menu (shown below).

3. *New File Formats*: All of the documents in Office 2007 have switched to an XML-based file format. Microsoft's XML is actually a set of text and graphic files all zipped together. What does that mean to us regular folk? Most importantly, the files are about half the size of Office 2003 files.

(continued on reverse)



The ribbon bar menus in Office 2007 applications display many 'at-a-glance' options in a small amount of screen real estate.

High Demand for Classroom Technologies



Wayne Lamoureux, team leader of Classroom Technologies, tests the instructor podium in the new Pharmacy and Health Research lecture theatre.

Square, as well as other projects on the main campus, such as the 220-student lecture theatre pictured above (in the new Katz Group - Rexall Centre for Pharmacy and Health Research). The lecture theatre includes technologies such as multiple 60-inch plasma displays, and it will also incorporate high-definition videoconferencing.

Details about the group's services are available at:
www.ualberta.ca/aict/ite/ct.htm

AICT's Classroom Technologies unit provides the U of A with learning technology services. The group manages over 117 smart classrooms on campus, which are centrally-scheduled learning spaces that integrate the latest teaching technologies. The group also operates six audio-visual depots across campus, where instructors can sign out equipment and receive technical assistance. Over and above these baseline services, Classroom Technologies has been very busy lately finishing up thirty-five new learning spaces for Business and Extension in Enterprise



E-Learning Update

Bonita Bray
E-Learning

Services (Professional Development and Consulting)

Request Your Winter 2008 Courses

It's time to request your WebCT Vista courses for the Winter term. All Winter courses will use WebCT Vista 4. Submit requests by completing the course request form at:
<https://course-admin.webct.ualberta.ca>

To complete the form, you'll need to know the usual course identifiers (e.g., *CHEM 101(B1) Intro Univ. Chem 1*, and the five-digit class number that you can obtain online from the Bear Tracks system). If you are requesting that we move previous course content, you'll also need to provide full information on the source course(s).

Migration to WebCT Vista 4

The U of A is well along in its move to WebCT Vista 4, the newest version of our learning management system. Vista 4 has new tools for student engagement, active learning, self-reflection and group projects. It has new administrative features, such as forms for creating grading rubrics for assignments.

Vista 4 was used for the majority of courses in the Fall term and all Winter term course requests will go on this new service. Feedback from instructors and students in the Fall term indicates that, on the whole, they found the new interface easy to use. Many users also reported that new features are both beneficial and effective. Two elements that received kudos were the instructor controlled options for peer review of discussion postings, and student contributions to the course glossary, multimedia library and website collections.

AICT Winter Closure



AICT services will be monitored during the winter break from December 25 through January 1.

AICT computer labs will be closed from December 21 through January 1, and again on the weekend of January 5-6. Regular lab hours return on January 7.

AICT would like to wish you the very best of the holiday season!

(continued from front)

Web Survey Service

to send reminders to those who have not responded by a particular date.

- Data may be conveniently exported in a variety of file formats (e.g., Excel, SPSS).

The use of the words 'efficient' and 'convenient' are significant in the above list relative to other products that we have used.

TSQS has started using the Remark Web Survey package for delivery of GFC's Universal Student Ratings of Instruction to classes that do not involve face-to-face contact and where paper-and-pencil questionnaires are not convenient. We have also started using it for other custom applications in which we will be trying out additional helpful features.

Links to sample forms illustrating some of the features of this package are located at:

www.ualberta.ca/aict/tsqs/tsqs_online.html

To have a survey created and administered for you, contact TSQS (test.scoring@ualberta.ca, 492-2741). Fees apply to this service, which are based on the complexity of the survey.

Vista 4 Workshops and Online Resources

AICT has scheduled Vista 4 Express Workshops to help instructors with the adoption of WebCT Vista 4. Details of the workshops are available at:

www.ualberta.ca/elearning/faculty/workshops.html

The workshops provide an opportunity for you to become familiar with the improved Vista 4 interface, the new course management options, and some of the additional functionality that you may find useful for your courses. We hope you will sign up for one of these workshops to ensure that you are comfortable with the changes.

In addition to the Vista 4 Express Workshops, AICT offers instructors and students a large collection of online resources designed to address user issues. Our collection of FAQs, for example, offer short, focused answers to questions that we hear repeatedly. Our library of Mini-Bytes, on the other hand, contains a collection of short, just-in-time tutorials that are designed to answer those 'How do I ...?' questions. You can find these resources in the drop-down menus under the headings 'For Students' and 'For Instructors' on the main E-Learning website at:

www.ualberta.ca/elearning

Site-Licensed Software

Do you need the latest MS Office package or operating system? Is your computer secured with anti-virus software? Perhaps you're looking for mathematical, GIS, or another type of scientific software? Before you spend your software dollars, be sure to check out the deals on AICT's site-licensed software website located at:

www.ualberta.ca/aict/sales

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My Favorite New Features in MS Office 2007

People using Office 2003 who need to open Office 2007 files can download an Office 2007 file converter from Microsoft. This is available at the MS download site at:

www.microsoft.com/downloads

Once you are at this site, click on 'Office' under Product Families, then click on the link labelled 'Microsoft Office Compatibility Pack for Word, Excel, and PowerPoint 2007 File Formats.'

4. *Smart Art*: One thing I notice when attending Microsoft training events is how pretty their PowerPoint slides are. It must be nice to have a team of designers creating your slides! However, the new Smart Art feature is the next best thing to having an in-house designer. You can make beautiful charts and diagrams in PowerPoint, Excel and Word without requiring much artistic skill (for example, I can do it). It makes a presentation look slick and professional in just a few minutes.

5. *Building Blocks*: Also known as Quick Parts, these are blocks of text that we use often and don't want to keep re-typing. For example, people often ask me how to test their CCID and password. Rather than keep typing the same e-mail to different people, I only have to type it once and store it as a building block. Then in the future, I just click 'Quick Parts > CCID' and my e-mail is basically written for me.

Of course there are a lot of other new features in Office 2007 and sometimes it can be frustrating to learn a new way of doing our everyday tasks. As Office 2007 is such a great deal at Product Sales, however, only \$10 for a special 'Work-at-Home' CD, I would suggest picking up a copy so you're ready to go when your department upgrades.

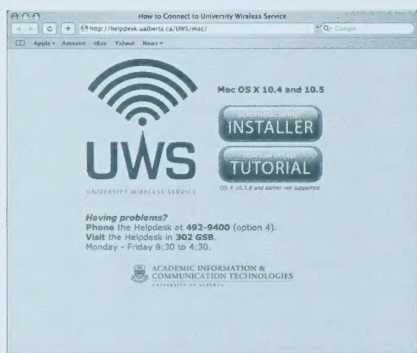
For free Office 2007 training, visit:

<http://office.microsoft.com>

The Technology Training Centre in B-11 Cameron Library also offers Office 2007 courses. For course details, visit their website at:

www.ualberta.ca/training

Deploying the University Wireless Service



As mentioned in previous newsletters, AICT Network Operations is currently installing a new University Wireless Service (UWS) on campus. The new network will be implemented in stages over the next two-and-a-half years, at a cost of roughly \$3.5 million. It will be available all across campus through approximately 3,000 wireless access points. Early reports from users have been very positive. As planned, the UWS is much more robust and depend-

able than the older *ualbertawireless* network, which never had the reach or capacity which the University community now requires.

UWS is now available in buildings such as SUB, CAB, Education North, Enterprise Square, University Hall, and parts of the new Katz Group - Rexall Centre for Pharmacy and Health Research. To view the complete Phase I implementation schedule for UWS, look for the 'Deployment Timeline' link on the UWS website at:

www.ualberta.ca/aict/uws

Generally speaking, it takes AICT technicians about thirty days to bring up UWS in a U of A building. This involves initial steps, such as scouring over building blueprints to find the best locations for wireless access points, and inputting such location data into simulation software that helps point out potential signal blockages. Then the actual work occurs of pulling wires for power, installing the access points and cabling them to the campus backbone network.

When the UWS service is turned on in a building, signage with the UWS logo (shown above) is mounted in various places in the building to let users know of availability. The same day that UWS is turned on, the older *ualbertawireless* system is turned off. After consultation with departments in the given building, any other wireless access points will also be turned off after a reasonable amount of time, in order to avoid interference between services which can cause users to lose their wireless connections.

The first time you attempt to connect to UWS with your wireless laptop, a message is displayed on your screen that asks if you would like to open the wireless network called 'How to Connect to UWS.' If you click on the OK button, you are presented with a configuration screen as shown above. One-time configuration for your laptop is necessary for connecting to UWS.

For help with UWS, look under the 'How to Connect' link on the UWS website or contact the AICT Help Desk at 492-9400 (helpdesk@ualberta.ca).



Browser for Secure Online Exams

Bob Boufford

E-Learning Services (Support and Development)

Instructors face the challenge of providing an environment for online quizzes and exams in which students are not tempted to surf the web for answers. While there have been attempts to find solutions with workarounds, determined students have found ways to circumvent online exam security. One method, however, that has proven its worth in establishing a 'focused' online environment has been to provide users with a 'locked down,' secure browser that blocks any web-browsing once the student has started the quiz.

In response to requests from a number of faculty members, E-Learning Services is now providing the Respondus LockDown Browser to faculty for use in the delivery of secure online exams. This browser is a custom program that locks down the testing environments within the University's WebCT Vista 4 and School of Business Blackboard LS 7.1 systems. It works in both Windows and Macintosh environments. When students use the LockDown Browser, they are unable to print, copy, go to another URL, or access other applications. When an assessment is started, students are locked in to it until they submit it for grading.

The Respondus LockDown Browser not only blocks copying, printing and web surfing, but it blocks a variety of instant messaging, chat and text messaging systems so that students are not tempted to collaborate on exams. However, when a particular application is required in an exam, such as a calculator, Respondus LockDown Browser will allow its use through a 'white list' of accepted applications.

Respondus LockDown Browser is currently available for use on students' personal computer systems and for departmentally controlled computer labs. The AICT Instructional Computer Labs group will also be deploying Respondus LockDown Browser in selected AICT-managed computer labs for availability in the Fall of 2008.

A strong secure browser such as the Respondus LockDown Browser will not eliminate all forms of dishonesty in exams. However, it does allow an instructor to remove unauthorized web browsing from the equation, and to focus on other matters that may compromise exam integrity, such as mobile phone cameras and the ubiquitous paper and pencil.

For further details and information on the Respondus LockDown Browser, interested faculty can contact me at:

bob.boufford@ualberta.ca